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Nucleic Acid Array consisting of Selective Monocyte Macrophage Genes

Description

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The present invention relates to an array consisting of oligo- or polynucleotide probes that are applied and immobilised on a solid substrate. The array is characterised in that sequences of a selection or all of the selective monocyte macrophage genes are fixed on the surface, which are enlisted in Tables 1 to 6. This nucleic-acid array permits the diagnosis of the rheumatoid arthritis, associated analysis of the efficiency of treatment and the monitoring of side effects occurring in the anti-tumour necrosis factor (TNF) therapy and hence the selection of the therapeutic approach that is most efficient for the respective patient suffering from rheumatoid arthritis. The present invention moreover relates to a nucleic-acid array for prognosis and for the development of novel pharmaceuticals with an anti-TNF orientation or of such pharmaceuticals that interfere with the control loop thereof.

The cells of the monocyte/macrophage system play a substantial role in the activation of and in maintaining inflammation cascades in the blood and in the tissue, e.g. in the course of rheumatoid arthritis, and also in other chronic inflammatory diseases as well as in auto-aggressive conditions. In the case of these diseases monocytes and macrophages are highly activated, display variations in the occupation of their surface molecules, enter into contact with other cells and secrete certain messenger substances such as those including TNF alpha, which contribute to a sustained inflammatory process. TNF alpha is a cytokine

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formed by monocytes / macrophages, lymphocytes and mastocytes, which takes an influence on inflammation, sepsis, lipid and protein metabolism, haematogenesis, angiogenesis, the healing of wounds and a defensive immune response and which produces also a cytolytic or cytostatic effect on tumour cells.

In the event of inflammatory diseases, monocytes / macro-phages display a characteristic, pathologically varied gene expression pattern with distinct variations, compared against healthy probands. Bio-information methods known to those skilled in the art, e.g. the significance and cluster analysis, it is possible, inter alia, to identify or diagnose genes with a similar behaviour and highly or low-regulated genes from the hybridisation patterns of a nucleicacid array.

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With the ever-increasing availability of the high-throughput methods in the form of nucleic-acid arrays, with the exponentially growing information about the human genome and gene expression, as well as with the global networking of data bases storing structured biomedical information, the approach to and the view of chronic inflammatory and inflammatory-rheumatic conditions has been fundamentally changed. The molecular processes can be defined by application of the improved understanding of the molecular bases of cell-, tissue- and disease-specific gene expression whilst they contribute to enabling an early diagnosis and improved prognosis. On the other hand, micro-array technologies ensure the development of more efficient forms of therapy of the rheumatoid arthritis and other chronic inflammatory diseases, permitting a high-rate screening system. Moreover, these multiple techniques allow for the acWO 2004/016809 3 PCT/DE2003/001822

celerated development of pharmaceutical and biologically effective medicaments (biologicals) and also a more rapid assessment of the side effects of medicaments. For this reason, this method entails an economic profit, also in terms of national economics.

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The micro-array technology constitutes a miniaturisation of analytic processes on the basis of DNA or RNA hybridisation in a high-throughput method. At the same time, it is possible to analyse thus many thousands of different DNA/DNA (DNA/RNA) interactions within a single test assay. mRNA expression profiles are determined by means of DNA arrays by hybridisation of labelled cRNA or cDNA samples. These technologies require a high degree of automation and standardisation, with the establishment and utilisation of appropriate sample and data bases (sequence information, oligo-nucleotides). The presently employed DNA arrays are distinguished by their substrate material (nylon membranes, glass surfaces, precious metal, vapour-deposited glass surfaces, synthetic materials), by the length or by the production of the DNA sequences immobilised on the substrate and by the labelling technique applied for a sample to be fixed. By way of analogy to the methods of DNA hybridisation in the Southern/Dot-blot test, it is possible to fix DNA sequences on a filter in punctiform shape and in a systematic succession, by spotting by means of a pressure head, by piezo printing methods (ink-jet technology) or by photolithographic methods (chemical direct synthesis on the substrate material). The DNA may be a cDNA, a PCR product or a synthetically produced oligo-nucleotide. Each of these sequences so applied is hence assigned to a specific site in a known array. The RNA may be decontaminated from a clinical sample or also a sample for pharmaceutical examination

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and, after transcription by reverse transcription, may be hybridised with the complementary nucleic-acid strands present on the array, which are applied in a high genome-encompassing number or also in a pre-selected number. The sample is labelled by means of integrated radio-active nucleotides, via biotin/streptavidin interactions, via amplifications of the digoxigenin enzyme or also via direct or indirect integrated fluorescence dyes. The information is read from the intensity of radioactivity or from fluorescence on a specific site of the substrate material and hence permits the conclusion of the particular relative quantity of the specifically linked DNA or RNA sequence, which had been present in the sample so labelled.

The activation and deactivation of genes constitutes the basis of all biologic processes and furnishes moreover an extremely sensitive response to varied outside conditions. The extraction of RNA form a biologic sample, the action of labelled cDNA or RNA upon a nucleic-acid array (hybridisation) and its analysis allow for the derivation of a great number of parts of information, with a minimum of time, about the condition of the cells in the biologic sample under varied conditions. The technology based on the hybridisation of nucleic acids entails the advantage of an extremely high specificity, sensitivity and comparatively easy high-speed feasibility.

When genes are activated or deactivated in monocytes / macrophages in a non-physiologic manner, this may be the cause of inflammatory diseases or a measurable sign of such diseases. In an ideal case, the therapy with medicaments producing an anti-TNF effect should normalise the pathol-

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ogically varied gene expression in the respective cells to the level of that found in healthy patients.

From the examination of the gene expression profiles one could expect that a novel molecular characterisation of the rheumatoid arthritis and other chronic inflammatory diseases becomes possible and hence a classification by subgroups can be established by patho-physiological peculiar characteristics. With the anti-inflammatory anti-TNF therapies, one can therefore expect prognostic forecasts about the level of aggressiveness in the future development. This would take an early influence on the selection and intensity of the drug-based therapy with the medicaments so far known and used as therapeutic in the case of chronic in-15 flammations, and also with biologically effective TNF blockers. On the other hand, this leads to further starting points for scheduling the form of therapy in view of the potential side effects caused by the action of these medicaments, whilst it is possible to estimate the effects of the side effects at an early stage.

On account of therapies with an anti-TNF orientation in cases of rheumatoid arthritis and other chronic inflammatory or auto-aggressive diseases, firstly a potential genesis of neoplastic changes up to the formation of tumours is under discussion, and secondly, the anti-TNF therapy reduces the defensive immune response so that infections occur more often in treated patients, inter alia tuberculosis.

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When nucleic-acid array systems are used it is possible to check the expression of tumour-relevant genes in the course of anti-TNF treatment and hence early indications of potenWO 2004/016809 6 PCT/DE2003/001822

tial neoplastic changes can be obtained so that it becomes possible to counteract an incipient tumour formation at an early stage and the anti-TNF therapy can be appropriately adapted or, if necessary, stopped.

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The invention is based on the problem of providing means for monitoring the efficiency and also the side effects of the anti-TNF therapy and for permitting also the fine diagnosis of an inflammatory disease and hence the selection of that form of therapy, which is most efficient for the respective patient. Another problem underlying the present invention consists in the follow-up monitoring of the efficiency and the side effects of novel pharmaceuticals with anti-TNF orientation within the scope of clinical studies. In accordance with the present invention, a new array is provided that consists of oligo- or poly-nucleotide probes

In accordance with the present invention, a new array is provided that consists of oligo- or poly-nucleotide probes that are applied and immobilised on a solid substrate. Compared against genome-wide DNA chips so far known, the advantage of the present invention resists in cost savings in the production of the nucleic-acid array because it contains predominantly only genes that are of interest for a solution to the problem of the invention, which minimises the expenditure in terms of data analysis and evaluation and reduces the costs thereof.

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In accordance with the present invention, the problem is solved by a nucleic-acid array including sequences of a selection or of all of the selective monocyte macrophage genes mentioned in Tables 1 to 6, which are applied on the surface of the array. With reference to the name of the gene or the sequence, respectively, or the accession number it is possible to determine the sequence from data bases accessible to the general public, preferably GeneBank or

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EMBL. The sequences of the nucleic acids present on the array may consist of genes whose level of expression is changed by a therapy involving an Anti-TNF effect.

If necessary, further genes may be present on the inventive nucleic-acid array, expediently those which are known to be expressed in each cell and to constitute part of the basic genotype of the cell. The genes coding for these nucleic acids are usually referred to as house-keeping genes and are used for standardisation of the signals obtained. The array may contain the aforementioned sequences in the form of DNA, complementary RNA or chemically modified nucleic acids, preferably PNS (protein nucleic acid).

The genes or gene sequences may be selected genes of rheumatoid arthritis or other chronic inflammatory diseases, which are relevant for the disease or the side effects, selected preferably from the monocyte/macrophage cell system. If applicable, alleles, derivatives and/or splicing variants of the genes or gene fragment sequences or oligomer sequences may be present on the surface of the array. The congruence of the sequences on the array with the corresponding sequences in Tables 1 to 6 should be at least 80% in the protein-coding mRNA segments.

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The substrate onto which the nucleic acids are applied may be any substrate whatsoever which is usually employed for RNA or DNA arrays. The methods for the application and immobilisation of the nucleic acids are part of prior art and are common to those skilled in the art. For coupling to the aforementioned sequences, the substrate may be coated with reactive groups, metal compounds or alloys. The genes or gene sequences may be applied, for instance, by spotting

techniques, immobilising techniques or by techniques of insitu synthesis of oligomers or in an enantiomorphic manner in the form of RNA.

- The inventive array may be used, for instance, for measuring the monocyte/macrophage activation or the inflammatory activity in the blood or cell tissue in the case of inflammatory diseases, preferably rheumatoid arthritis. The array may be employed, for example, for the early diagnosis of the aforementioned diseases in genetically predisposed patients even before clinical symptoms become manifest. Another field of application is the fine diagnosis, preferably the subdivision of patients into sub-groups requiring each a different therapy or different medication. The array may furthermore be used to monitor the therapy, to follow up side effects, to establish a prognosis and to identify new pharmaceutical targets in the case of the aforementioned diseases.
- To this end, blood or tissue is sampled on the patients un-20 der examination, from which RNA is isolated by the known standard techniques and prepared, if necessary, as total RNA or poly A+-RNA for further use. By application of reverse transcriptase it is possible to transcribe the RNA into cDNA and to label it with a marker, e.g. a fluorescent 25 dye, a radioactive nuclide or an enzyme such as alkaline phosphatase. In addition, the RNA may be used in labelled or unlabelled condition for hybridisation of the nucleicacid array. After hybridisation of the array with the nucleic-acid samples and after subsequent washing steps, the 30 bonding of the sample to the sequences present on the array may be examined with any appropriate method. In the case of a fluorescent labelling, these methods are optical tech-

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niques whilst in the case of radioactive labelling of the samples auto radiography would be employed and in the case of enzyme labelling enzymatic analytical techniques are applied, e.g. the conversion of a colourless substrate into a multi-colour product.

An inverse analysis of total or mRNA with the sequences indicated in Tables 1 to 6, which is fixed to a solid phase, is equally possible. To this end, blood- or tissue-specific RNA molecules from up to 500 patients are fixed to the RNA 10 micro arrays. The qualitative / quantitative analysis of the transcript quantity of relevant genes is then carried out with the selected genes, gene segments or oligomers described in Tables 1 to 6. The RNA samples are spotted on coupling substrates and are composed of total RNA or mes-15 senger RNA. The RNA serves as target for the highly significantly expressed genes derived from DNA micro arrays according to Tables 1 to 6, which are used as labelled probes for hybridisation. The coupling of biotinylated RNA or messenger RNA on glass substrates (slides) coated with streptavidin is proposed. After the RNA has been labelled with biotin derivatives the RNA is applied by spotting on glass or synthetic slides coated with poly-L-lysine or with streptavidin, with subsequent drying. RNA degradation is prevented in this manner. An alternative is the covalent 25 coupling of RNA by bonding to reactive substrate materials, in which case preferably UV irradiation is used for catalysing. Additionally, a multiple simultaneous labelling of different genes, gene units or oligomers with various la-30 belling species such as radio activity, fluorescein, digoxigenin and enzymatic markers is expedient.

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Parallel different labelling of the probes with different fluorescent dyes is possible. As an alternative, enzymatic or even radioactive probe labelling should be mentioned. For a quantification and quality check, labelled house-keeping genes (alpha, beta, gamma actin, GAPDH, etc.) are employed. The analysis is preferably carried out in this case in parallel and simultaneously with a maximum of 50 gene probes per test set-up.

In addition to the simplification of the biometric analysis by coupling RNA species to substrate materials, this system allows for a rapid diagnosis and offers a complex high-speed diagnosis, prognosis and therapy control on an individual basis for the patients. In particular in the case of pharmacologic development strategies, the system allows for a rapid performance at a high throughput.

The following examples and illustrates only serve for explanation and do not restrict the scope of the invention in any way whatsoever.

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1. Isolation of monocytes

In the method employed here, the selection of selective highly pure monocytes of peripheral blood was applied in order to enable a finding (1) on the specificity of the disease, (2) on the application of the anti-TNF-alpha therapeutic as "biological", (3) in relation to a comparison against a healthy proband, and eventually also (4) for assessment of gene-diagnostic potentials relevant in relation to anti-TNF-alpha. For this test, the peripheral haemo-leucocytes from peripheral blood were enriched by Fikoll gradient density centrifugation. This fraction, which constitutes an individually different composition of

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monocytes (5 - 12%), CD4+ T-cells (85 - 92%), CD8+ T-cells (5 - 10%), NK cells (2 - 5%), basophilic and neutrophile granulocytes, was subjected to further purification steps for the extraction of specific monocyte fractions. Both, negative selections operating on removal of all other cell fractions via magnetic beads anti-body interactions, and positive selections by CD14+ labelling via magnetic beads, or even FACS cell grading techniques were applied. In both methods, monocyte cell purity levels of roughly 96% were achieved.

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2. RNA Extraction

The pure monocyte fractions were received in RNA lysis buffer whereupon the RNA was purified by means of a commercially available RNA purification kit (Qiagen). The RNA was transcribed into cDNA by application of established cDNA transcription methods by reverse transcription and then subjected to a further step of linear amplification by application of the "Eberwine protocol" for the extraction of aRNA (amplified RNA). The quantity and the quality of RNA, cDNA and aRNA were verified each by gel electrophoresis, photometric analysis and measurements carried out with the Bioanalyzer 2100 (Agilent company).

3. Affymetrix Chip Hybridisation Specific oligo-nucleotides derived directly from data base sequences were used as DNA samples for expression analyses in the system available from the Affymetrix company. These samples are hybridised on the array with targets from fluorescence-labelled, reversely transcribed samples in the form of cDNA or with linearly amplified samples in the form of aRNA.

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Hybridisation of the genome-wide Affymetrix array (U-133A) and subsequent processing are carried out by machine under standard conditions in compliance with the instructions by the producer, Affymetrix, using a special hybridisation and washing device with the specific buffers. After hybridisation, gene expression patterns are produced via the ratio of fluorescence intensity levels at a defined wavelength. Such high-throughput expression analyses permit comparisons of the expression quantities of genes in healthy and diseased persons at the same time or comparisons of the gene expression before and after drug addition for risk assessment (pharmaceutical/toxicity genomics), for fine diagnosis and for assessment of the complexity of diseases.

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4. Evaluation of Data

Here, aRNA samples from peripheral haemo-monocytes (1) of healthy blood donors, (2) of chronic active patients suffering from rheumatoid arthritis before treatment, and (3) after treatment with TNF-alpha antibodies were used. The success of the treatment was assessed by unambiguous laboratory clinical parameters and by the criteria of the internationally applicable parameter examinations (ACR criteria) to be applied on a clinical level. The objective and the purpose of this examination of groups of three were the establishment of characteristic gene expressions in the following group definitions:

A gene-regulatory specificity of a disease in active rheumatoid arthritis, without treatment, compared against the gene expression of healthy probands.

- 2. The characterisation of a gene-regulatory specific interpretation of the anti-TNF-alpha treatment and an assessment of the treatment by comparison against the gene expression of the active disease without treatment and by comparison against the gene expression of the healthy probands.
- 3. Ensured assessment of side effects by the anti-TNF medicament "biological". Here, the specific gene expression of the patients suffering from rheumatoid arthritis, who are treated with anti-TNF-alpha, was compared against the gene expression of the same patients without treatment and the gene expression in healthy blood donors.

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The individual gene expressions were processed and measured within the genome-wide human Affymetrix array (U-133A) in the appertaining Affymetrix hybridisation/washing and reading system. The evaluation is carried out in 4 steps:

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 The determination of the significant genes detected in the expression analysis, e.g. by the "foldchange method" or by SAM (Significance Analysis of Microarrays).

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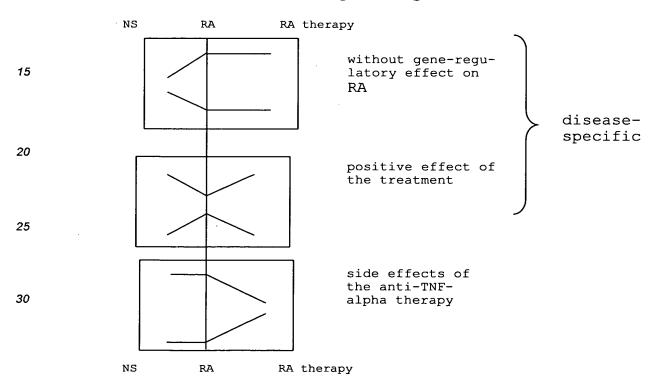
2. The separation of the significant genes into different sub-populations on the basis of the examination of the expression characteristics of these genes by means of cluster analysis carried out by techniques such as "hierarchical clustering"!, "self-organizing maps" or "k-means clustering".

- 3. The evaluation of the behaviour of the significant genes within the clusters with integration of the clinical information (rheumatoid arthritis (RA), anti-TNF therapy) and on the basis of the empirical values furnished by specialists.
- 4. The classification of the involved genes by biologic pathways.

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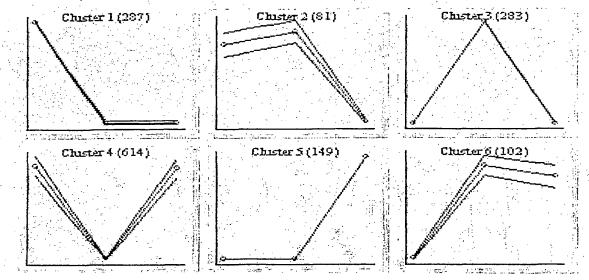
General characteristics of the significant genes within the clusters:



35 Ill. 1: Schematic representation of the cluster analysis

The gene expression behaviour of a healthy normal donor (NS) and of an active patient suffering from rheumatoid arthritis (RA) before and after anti-TNF-alpha therapy was

compared by means of a cluster analysis. The results are represented in Illustrations 1 and 2.



15 Ill. 2: Cluster analysis based on real data

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The illustrations show the gene expressions by the cluster analysis (n=6 cluster). The number of the genes involved is indicated in brackets. The result of the cluster analysis furnishes a confidence interval in addition to the mean gene expression behaviour of all the genes contained in a cluster.

The clusters displayed the following characteristics:

- 25 CLUSTER-1: Compared against a healthy proband, the disease-specific gene expression is reduced; in this case, the anti-TNF treatment does not create a generegulatory effect.
- 30 CLUSTER-2: Side effects: Represented by the effect of the medication in anti-TNF-alpha treatment, there is a reduced expression of the associated genes in the treated patient.

- CLUSTER-3: Compared against a healthy proband, the disease-specific gene expression is stronger. The anti-TNF-alpha treatment creates a positive effect.
- CLUSTER-4: Compared against a healthy proband, the disease-specific gene expression is increased. The anti-TNF treatment creates a positive effect.

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- 10 CLUSTER-5: Side effects: Represented by the effect of the medication in anti-TNF-alpha treatment, there is an increased expression of the associated genes in the treated patient.
- 15 CLUSTER-6: Compared against a healthy proband, the disease-specific gene expression is increased. The anti-TNF-alpha treatment does not create a gene-regulatory effect in this case.
- 20 Tables 1 to 6 show the genes contained in the clusters described above, together with the Affymetrix designation (left) and their defined GeneBank Accession Number, inclusive of a description.

Table 1: Genes from Cluster Analysis 1

Affymetrix	Description of the sequence in the GeneBank data base
internal	
designation 211654 x at	gb:И17565.1 /DEF-Human MHC class II DQ-beta associated with DRw6, DQw1 protein, complete cds. /FER-mRNA /GEN-HLA-DQB1 /
213831_at	DB XREF-gi:188188 /FL-gb:N17565.1 Consensus includes gb:X00452.1 /DEF-Human mRNA for DC classII histocompatibility antigen alpha-chain. /FEA-mRNA / PROD-DC classII histocompatibility antigenalpha-chain /DB XREF-gi:32265 /UG-Hs.198253 major histocompatibility complex,
1= 605016	class II, DQ alpha 1 Consensus includes qb:BF338947 /FEA-EST /DB_XREF-g1:11285367 /DB_XREF-est:602036012F1 /CLONE-IMAGE:4184090 /
- v cozzi	
209480_at	1 38
218345_at	95.114 018487.1 /DEF-Homo sapiens hepatocellular carcinoma-associated antigen 112 (HCA112), mRNA. /FEA-mRNA / GEN-HCA112 /PROD-hepatocellular carcinoma-associated antigen 112 /DB_XREF-g1:8923717 /UG-Hs.12126 hepatocellular
221491_x_at	carcinoma-associated antique 112 (First-Street 12876632 /DB XREF-est:oc35c12.sl /CLONE-IMAGE:1351702 / Consensus includes gb:AA807056 (FEA-EST /DB XREF-gi:2876632 /DB XREF-est:oc35c12.sl /CLONE-IMAGE:1351702 / UG-Hs.279930 major histocompatibility complex, class II, DR beta 3 /FL-gb:M27635.l gb:NN_022555.l gb:M26038.l
40 0 765110	gb:U95989.1 gb:U95819.1 gb:Ubb822.1 ph:RANN5912.1 /DEF=Homo sapiens, Ec fragment of IgE, high affinity I, receptor for; alpha polypeptide, clone MGC:14507,
7	
201330_at	iomo sapiens arginyl-tRNA synthetase (RARS), mRNA. /FEA-mRNA /GEN-RARS /PROD-arginyl NG-Hs.180832 arginyl-tRNA synthetase /FL-9b:BC000528.1 gb:NA 002887.1
201114_x_at	792.1 /DEF- /PROD-prot
213418_at	(prosome, macropain) Subunit, alpha Type, Triangle Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 70kD protein 6 (HSP70B) (HSPA6), mRNM. (FEA-CDS / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat shock 10kD protein 6 (HSP70B) / Consensus includes gb:NM 002155.1 DEE-Hom sapiens heat sh
	SEN-HSPAG / FRUDINGAL SINGEN FOR PROCESS OF STATE OF STAT
208961_s_at	gb;AB017493.1 /DEF-Homo sapians mRNA for DNA-binding zinc ringer(cBr), complete cus. /rem-mnn., PE-gb:BC000311.1 PROD-mb/a-binding zinc finger(cBr) /DB XREF-gi:3582142 /UG-Hs.285313 core promoter element binding protein /FL-gb:BC000311.1 h. monalai i m. aF001461, 1 ab:3B017433.1 db:RW 001300.2
217753_s_at	gorbando 1787 JEE-Homo sapiens ribosomal protein S26 (RPSZ6), mRNA. /FEA-mRNA /GEN-RPS26 /PROD-ribosomal protein S26 / pd.NA 001029.1 /DEE-Homo sapiens ribosomal protein S26 /FL-gb:BC002604.1 gb:NA 001029.1 na xBEF-n: 4566708 /UG-Hs. 299465 ribosomal protein S26 /FL-gb:BC002604.1 gb:NA 001029.1
201403_s_at	8
203103_s_at	rL-yD BOOGDOOD PERSON FEA-WRING FEA-
221903_s_at	nucidat matir protest mater / DB XREF-gi:8363496 / DB XREF-est:hn47d10.x2 /CLONE-IMAGE:3026803 /UG-Hs.18827
	KIAA0849 protein

217379_at	Consensus includes gb:AL121934 /DEF=Human DNA sequence from clone RP11-209A2 on chromosome 6. Contains an RPL10 (60S ribosomal protein L10) pseudogene, ESTs, STSs and GSSs /FEA=CDS /DB XREF=g1:9795199 /UG-Hs.272340 Human DNA sequence from clone RP11-209A2 on chromosome 6. Contains an RPL10 (60S ribosomal protein L10) pseudogene, ESTs, STSs and GSSs
206120_at	sapiens CD33 antigen (gp67) (CD33), mRNA. /FEA-mRNA /GEN-CD33 /PROĎ-CD33 antigen (gp67) s.83731 CD33 antigen (gp67) /FL-gb:N23197.1 gb:NM 001772.1
202737_s_at	<pre>gb:NN 012321.1 /DEF=Homo sapiens U6 snRNA-associated Sm-like protein (LSN4), mRNA. /FEA=mRNA /GEN=LSN4 /PROD=U6 snRNA-associated Sm- like protein /DB XREF=g1:6912485 /UG=Hs.76719 U6 snRNA-associated Sm-like protein /FL=gb:BC000387.1 gb:BC003652.1 gb:AF182290.1 gb:AF117235.1 gb:NN 012321.1 gb:AF251218.1</pre>
201416_at	Consensus includes gb:BG528420 /FEA-EST /DB XREF=g1:13519957 /DB XREF=est:602579853F1 /CLONE=IMAGE:4719060 / UG-Hs.83484 SRY (sex determining region Y)-box 4 /FL=qb:NM 003107.1
214084_x_at	072388 /FEA-EST /DB >
204861_s_at	gb:NM 004536.1 /DEF=Homo sapiens baculovizal IAP repeat-containing 1 (BIRCI), mRNA. /FEA=mRNA /GEN=BIRCI /PROD=baculovizal IAP re- peat-containing 1 /DB XREF=g1:4758751 /UG-Hs.79019 baculovizal IAP repeat-containing 1 /FL=qb:U19251.1 qb:NH 004536.1
221666_s_at	sapiens, clone MGC:10332, mRNA, complete cds. /FEA=mRNA /PRÓD-Unknown (protein Hs.71869 apoptosis-associated speck-like protein containing a CARD /FL-qb.BC004
218421_at	sapiens hypothetical protein FLJ23239 (E 32440 /UG-Hs 34516 hypothetical protein E
217794_at	gb:NM 018457.1 /DEF=Homo sapiens DKFZp564J157 protein (DKFZp564J157), mRNA. /FEA=mRNA /GEN=DKFZp564J157 / PROD=DKFZp564J157 protein /DB XREF=g1:8922156 /UG-Hs.63042 DKFZp564J157 protein /FL-qb;AF217517.1 ob;NN 018457.1
201558_at	Sapiens RAEI (RNA export 1, S.pombe) homolog (RAEI), MRNA. /FEA-mRNA /GEN-RAEI S.pombe) homolog /DB XREF=gi:4506398 /UG-HS.196209 RAEI (RNA export 1, S.pombe)
	610.1
218055_s_at 	gb:NW 018268.1 /DEF-Homo sapiens hypothetical protein FLJ10904 (FLJ10904), mRNA. /FEA-mRNA /GEN-FLJ10904 / PROD-hypothetical protein FLJ10904 /DB XREF-g1:8922759 /UG-Hs.16470 hypothetical protein FLJ10904 /FL-qb:NM 018268.1
202191_s_at	439987 /FEA-EST /DB_XREF-g1:9439470 /DB_XREF-est:HTM1-745F /UG-Hs.226133 growth arro 05890.1
205550_s_at	sapiens brain and reprodureprodu
	ssed (TNFRSF1A modulator) /FL=gb:BC001251.1 gb:NM 004899.1 gb:L38616.1
202941_at	gb:NM 021074.1 /DEF=Homo sapiens NADH dehydrogenase (ubiquinone) flavoprotein 2 (24kD) (NDUFV2), mRNA. /FEA=mRNA / GEN-NDUFV2 /PROD=NADH dehydrogenase (ubiquinone) flavoprotein 2(24kD) /DB XREF=gi:10835024 /UG=Hs.51299 NADH dehydrogenase (ubiquinone) flavoprotein 2 (24kD) /FL=gb:NM 021074.1 gb:BC001632.1 gb:HQ25538.1
217814_at	sapien s.8207
212051_at	Consensus includes gb:AA676803 /FEA=EST /DB XREF=gi:2657325 /DB XREF=est:zj65b04.s1 /CLONE=INAGE:455119 / UG=Hs.13996 Homo sapiens cDNA: FLJ23260 fis, clone COLO5804, highly similar to HSU90911 Human clone 23652 mRNA sequence
212386_at	Consensus includes gb:BF592782 /FEA-EST /DB_XREF-gi:11685106 /DB_XREF-est:7j94d06.xl /CLONE-IMAGE:3442594 / UG-Hs.269068 Homo sapiens cDNA FLJ11918 fis, clone HEMBB1000272
218571_s_at	gb:NM 014169.1 /DEF-Homo sapiens HSPC134 protein (HSPC134), mRNA. /FEA-mRNA /GEN-HSPC134 /PROD-HSPC134 protein / DB XREF-gi:1661793 /UG-Hs.279761 HSPC134 protein /FI-gb:AF212243.1 gb:AF161483.1 gb:NM 014169.1
203462_x_at	yb:NM 003751.1 /DEF-Homo sapiens eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD) (EIF3S9), mRNA. / REPAIRINA /GENEERSS9 /RPODeekaryotic translation initiation factor 3, subunit 9 (eta, 116kD) /DB XREF-91:4503526 / NG-HS. 57783.eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD) /PE. Ann 06378.
218642_s_at	sapiens hypothetical protein MGC2217 (MGC2217), mRNA: /FEA-mRNA /GEN-MGC221 n MGC2217 /DB_XREF-gi:13236525 /UG-Hs.323164 hypothetical protein MGC2217 /F
200024_at	gb:NM 001009.1 /DEF-Homo sapiens ribosomal protein S5 (RPS5), mRNA. /FEA-mRNA /GEN-RPS5 /PROD-ribosomal protein S5 / DB XREF-gi:1506728 /UG-Hs.76194 ribosomal protein S5 /FL-gb:NM 001009.1 gb:014970.1
218101_s_at	gb:NM 004549.1 /DEF-Homo sapiens NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2 (14.5kD, B14.5b) (NDUFC2), nRNA. /FER-mRNA /GEN-HDUFC2 /PROD-NADH dehydrogenase (ubiquinone) 1, subcomplexunknown, 2 (14.5kD, B14.5b) /
	1111.06 1.200

	-L- PCONOCEOT 1 (APER-Mome envious clore MCC. 2108 mbM complete ode /EEB mbM (BBOD-Hicknown forested for MCC. 21091 /
7 67607	-Hs.227152 mannan-binding lectir
208454_s_at	gb:NM 016134.1 /DEF-Womo sapiens aminopeptidase (LOC51670), mRNA. /FER-CDS /GEN-LOC51670 /PROD-aminopeptidase / DB XREF-gi:7706386 /UG-Hs.278993 aminopeptidase /FL-gb:AF107834.1 gb:NM 016134.1
214351_x_at	FEA=EST /DB_XREF=gi:2849398 /DB_XRE
207075_at	gb:NN 004895.1 /DEF-Homo sapiens chromosome 1 open reading frame 7 (ClORF7), mRNA. /FEA-mRNA /GEN-CLORF7 / PROD-chromosome 1 open reading frame 7 /DB_XREF-gi:4757727 /UG-Hs.159483 chromosome 1 open reading frame 7 / FL-gb:AF054176.1 gb:NN 004895.1
201449_at	Consensus includes gb:AL567227 /FEA-EST /DB XREF-gi:12920378 /DB XREF-est:AL567227 /CLONE-CSODF027A11 (3 prime) / UG-Hs.239489 TIA1 cytotoxic granule-associated RNA-binding protein /FL-gb:NM 022037.1 gb:M7142.1
213720_s_at	Consensus includes gb:AI831675 /FEA-EST /DB_XREF=gi:5452346 /DB_XREF=est:wj50g03.x1 /CLONE=IMAGE:2406292 /UG-Hs.78202 SWISNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4
201593_s_at	Consensus includes gb:AV716798 /FEA-EST /DB_XREF-gi:10813950 /DB_XREF-est:AV716798 /CLONE-DCBAKB02 /UG-Hs.6375 uncharacterized hypothalamus protein HT010 /FL-gb:AF220184.1 gb:NM 018471.1
208095_s_at	gb:NN 001222.1 /DEF-Homo sapiens calciumcalmodulin-dependent protein kinase (CaM kinase) II gamma (CAMK2G), mRNA. / FEA-mRNA /GEN-CAMK2G /PROD-calciumcalmodulin-dependent protein kinase (CaMkinase) II gamma /DB_XREF-gi:4502554 / UG-Hs.250857 calciumcalmodulin-dependent protein kinase (CaM kinase) II gamma /FL-gb:U81554.1 gb:NM 001222.1
201173_x_at	gb:NN 006600.1 /DEF-Homo sapiens nuclear distribution gene C (A.nidulans) homolog (NUDC), mRNA. /FEA-mRNA /GEN-NUDC / PROD-nuclear distribution gene C (A.nidulans)homolog /DB XREF=gl:5729952 /UG-Hs.263812 nuclear distribution gene C (A.nidulans) homolog /FL-gb:BC002399.1 gb:BC003132.1 gb:AB019408.1 gb:AF130736.1 gb:AF125465.1 gb:AF100760.1 gb:NN 006600.1
217839_at	mo sapiens TRK-fused gene (TEG), mRNA. /FEA-mRNA /GEN-TFG /PROD-TRK-fused gene /L gene /FL-gb:NM 006070.1
203229_s_at	kinase 2 (CLK2), transcript var XREF-gi:4502882 /UG-Hs.73986 CD
203656_at	mo 620
218763_at	mo sapiens syntaxin 18 (STX18); mRNA. /FEA-mRNA /GEN-STX18 /PROD-syntaxin 18 /DB_XREF-gi:8394375 / 8 /FL-gb:AB028741:1 gb:NM 016930:1:
213846_at	Consensus includes gb:AA382702 /FEA-EST /DB_XREF-gi:2035020 /DB_XREF-est:EST95939 /UG-Hs.3462 cytochrome c oxidase subunit VIIc
201214_s_at	jb:NN 002712.1 /DEF-Homo sapiens protein phosphatase 1, regulatory subunit 7 (PPPIR7), mRNA. /FEA-mRNA /GEN-PPPIR7 / PROD-protein phosphatase 1, regulatory subunit 7 /DB_XREF=gi:4506012 /UG-Hs.36587 protein phosphatase 1, regulatory subunit 7 /FL-gb:BC000910.1 gb:NN 002712.1
216505_x_at	Consensus includes gb:ALil8502 /DEF=Human DNA sequence: from clone RP11-3711.19 on chromosome 20 Contains a novel gene, a gene for tibosomal protein: ASIO, ESTS; STSs, GSS and CpG islands /FEA=mRNA_3 / DB_XREF=q;18894621 / However a spiniar to the gene for tibosomal protein: ASIO, ESTS; STSs, GSS and CpG islands /FEA=mRNA_3 / DB_XREF=q;18894621 / However a spiniar for the gene for the gene from the general from the general form of the general from the general f
	S10, ESTS, STSs, GSSs and CpG Islands
203459_s_at	cing 16 (Yeast homolog) (VPS16), mRNA. /FE KREF-gi:12007657 /UG-Hs.302441 vacuolar pro
202880_s_at	gb:NN 004762.1 /DEF=Homo sapiens pleckstrin homology, Sec7 and coiledcoil domains l(cytohesin 1) (PSCD1), transcript variant 1, mRNA. /FEA=mRNA /GEN=PSCD1 /PROD=cytohesin 1, isoform 1 /DB XREF=gi:4758963 /UG=Hs.1050 pleckstrin homology, Sec7 and coiledcoil domains 1(cytohesin 1) /FL=gb:M85169.1 gb:NM 004762.1 gb:NM 017456.1
43511_s_at	.gc02h12.xl Homo sapiens cDNA, 3 end /clone=IMAGE-1708487 /clone_end=3 /gb=AI201594 33 /len=591
203519_s_at	mo sapiens tor of non FL-gb:AF30
206214_at	<pre>gb:NM 005084.1 /DEF=Homo sapiens phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) (PLA2GT), mRNA. /FEA=mRNA /GEN=PLA2G7 /PROD=phospholipase A2, group VII (platelet-activatingfactor acetylhydrolase, plasma) /DB XREF=gi:4826883 /UG=Hs.93304 phospholipase A2, group VII (platelet-activating factor acetylhydrolase,</pre>

	plasma) /FL-gb:U24577.1 gb:N4_005084.1 gb:U20157:1
209933_s_at	gb:AF020314.1 /DEF=Homo sapiens CMRF-35-H9 mRNA, complete cds. /FEA=mRNA /PROD=CMRF-35-H9 /DB_XREF=gi:4103065 / UG=Hs.9688 leukocyte membrane antigen /FL=gb:AF020314.1
202105_at	gb:NM 001551.1 /DEF-Homo sapiens immunoglobulin (CD79A) binding protein 1 (IGBP1), mRNA. /FEA-mRNA /GEN-IGBP1 / PROD-Immunoglobulin-binding protein 1 /DB_XREF-gi:4557662 /UG-Hs.3631 immunoglobulin (CD79A) binding protein 1 / FL-gb:BC004137.1 qb:NM 001551.1
218138_at	gb:NM_018848.1 /DEE-Homo sapiens McKusick-Kaufman syndrome (HKKS), mRNA. /FEA-mRNA /GEN-MKKS /PROD=McKusick-Kaufman syndrome protein /DB XREF-qi:9055271 /UG-Hs.46743 McKusick-Kaufman syndrome /FL-gb:AF275813.1 gb:AF221992.1 gb:AF221993.1 gb:NM_018848.1
220864_s_at	<pre>gb:NM 015965.1 /DEF-Homo sapiens CGI-39 protein; cell death-regulatory protein GRIM19 (LOC51079), mRNA. / FEA=mRNA / GEN=LOC51079 /PROD=CGI-39 protein; cell death-regulatory proteinGRIM19 /DB XREF=gi:7705733 /UG-Hs.279574 CGI-39 protein; cell death-regulatory protein GRIM19 /FL=qb:AF132973.1 qb:AF155662.1 qb:NM 015965.1</pre>
213355_at	Consensus includes gb:AI989567 /FEA-EST /DB_XREF-gi:5836448 /DB_XREF-est:ws34e03.x1 /CLONE=IMAGE:2499100 /UG-Hs.34578 alpha2,3-sialyltransferase
212587_s_at	Consensus includes gb:AI809341 /FEA-EST /DB XREF-gi:5395907 /DB XREF-est:we96c09.x1 /CLONE-IMAGE:2348944 /UG-Hs.170121 protein tyrosine phosphatase, receptor type, C
205992_s_at	gb:NM 000585.1 /DEF-Homo sapiens interleukin 15 (IL15), mRNA. /FEA-mRNA /GEN=IL15 /PROD=interleukin 15 / DB XREF-gi:10835152 /UG-Hs.168132 interleukin 15 /FL-gb:NM 000585.1 qb:U14407.1
203262_s_at	gb:NM 004699.1 /DEF-Homo sapiens DNA segment on chromosome X (unique) 9928 expressed sequence (DXS9928E), mRNA. / FEA-mRNA /GEM-DXS9928E /PROD-XARP-5 protein /DB XREF-qi:4758219 /UG-Hs.54217 DNA segment on chromosome X (unique) 9928 expressed sequence /FI-gb:BC000028.1 gb:D83260.1 gb:AD001530.1 gb:NM 004699.1
213357_at	701318 /FEA-EST /DB XREF=gi:10717648 /I
207628_s_at	gb: MV 017528.1 /DEF-Homo sapiens putative methyltransferase (HASJ4442), mRNA. /FEA-mRNA /GEN-HASJ4442 / PROD-putative methyltransferase /DB XREF-gi:8923713 /UG-Hs.155020 putative methyltransferase /FI-ch:NN 017528 1
201527_at	s ArPase, vacuolar, 14 kD (ATP6S14), mRNA. /FEA=mRNA /GEN=ATP6S14 /PROD= s.78089 ATPase, vacuolar, 14 kD /FL=qb:D49400.1 qb:NM 004231.1
202282_at	(a) W
213735 s at	15555.1 gb:AE069134.1 gb:NM 004493.1
	subunit VD
212472_at	E965029 /FEA-EST /DB_XREF=gi:ll 2463 fis, clone HRC10126
214805_at	Consensus includes gb:U79273.1 /DEF-Human clone 23933 mRNA sequence. /FEA-mRNA /DB_XREF=g1:1710239 /UG-Hs.239483 Human clone 23933 mRNA sequence
218084_x_at	gb:NM 014164.2 /DEE-Homo sapiens FXXD domain-containing ion transport regulator 5 (FXYD5), mRNA. /FEA-mRNA /GEN-FXYD5 / PROD-related to ion channel /DB_XREF-gi:11612664 /UG-Hs.294135 FXXD domain-containing ion transport regulator 5 / FL-qb:NM 014164.2 ab:AF161462.1
218204_s_at	9b:NM 024513.1 /DEE-Homo sapiens FYVE and coiled-coil domain containing 1 (FYCO1), mRNA. /FEA-mRNA /GEN-FYCO1 / PROD-FYVE and coiled-coil domain containing 1 /DB_XREF=g1:13470091 /UG-Hs.257267 FYVE and coiled-coil domain containing 1 / EL-ab:NM 024513.1
200823_x_at	gb:NM 000992.1 /DEF-Homo sapiens ribosomal protein 129 (RPL29), mRNA. /FEA-mRNA /GEN-RPL29 /PROD-ribosomal protein 129 / DB XREF-gi:4506628 /UG-Hs.183698 ribosomal protein 129 /FL-qb:U49083.1 ob:NM 000997.1 ob:U10248 1
208968_s_at	hypothetical protein, -Hs.4900 hypothetical p
208887 <u>at</u>	
214097_at	Consensus includes gb:AW024383 /FEA=EST /DB_XREF=gi:5877913 /DB_XREF=est:wv03e06.x1 /CLONE=IMAGE:2528482 /UG=Hs.1948 ribosomal protein S21

	- 1
212191_x_at	Consensus includes 9b:AW574664 /FEA=EST /DB_XREF=gi:7246203 /DB_XREF=est:UI-HF-BLO-abw-d-10-0-UI.s1 /CLONE-IWAGE:3057859 / UG-Hs.180842 ribosomal protein L13
217957_at	gb:NN 013242.1 /DEF-Homo sapiens similar to mouse Git3 or D. malanogaster transcription factor IIB (AF093680), mRNA. /FEA-mRNA /GEN-AF093680 /PROD-similar to mouse GIt3 or D. malanogastertranscription factor IIB
:	9818 similar to mouse Glt3 or D. malanogaster transcription factor IIB .1 gb:NM 013242.1
201658_at	Consensus includes gb:AU151560 /FEA-EST /DB XREF-g1:11013081 /DB XREF-est:AU151560 /CLONE-NT2RP2005555 /UG-Hs.242894 ADP-ribosylation factor-like 1 /FL-gb:NM 001177.2 gb:L28997:1
218123_at	gb:NN 017835.1 /DEF-Homo sapiens chromosome 21 open reading frame 59 (C210RE59), mRNA. /FEA-mRNA /GEN-C210RE59 /PROD-hypothetical protein ELJ20467 /DB XREF-g1:8923436 /UG-Hs.5811 chromosome 21 open reading frame 59 /FL-gb:NN 021254.1 gb:BC000709.1 qb:NN 017835.1 qb:AF282851.1
205241_at	no sapiens SCO (c protein, mRNA. 1826991 /UG=Hs.27
203740_at	4PHOSPH6), mRNA. /FEA-mRNA /GEN-NPHOSPH6 52720 M-phase phosphogratin 6 /FL-np-19RC005242
221263_s_at	no sapiens hypothetical protein MGC3133 (MGC3133), mRNA. /FEA-mRNA /GEN-MGC3133
218831_s_at	1 🛎 😕
201400_at	sapiens proteasome (prosome, macropain Daproteasome (prosome, macropain) subu (prosome, macropain) subunit, beta type
203136_at	<pre>gb:NM 006423.1 /DEF=Homo sapiens Rab acceptor 1 (prenylated) (RABACI), mRNA. /FEA=mRNA /GEN=RABACI /PROD=Rab acceptor 1 (prenylated) /DB XREF=g1:5453959 /UG=Hs.11417 Rab acceptor 1 (prenylated) /FI=Gp:NM 006423.1 gb.RF112202.1</pre>
205382_s_at	o sapiens D component of complement (adipsin) (DF), mRNA. /FEA=mRNA /GEN=DF factor D precursor /DB_XREF=qi:4503308 /UG-Hs.155597 D component of compleme 01928.1
208714_at	gb:AF092131.1 /DEF=Homo sapiens 51kDa subunit of NADH dehydrogenase mRNA, complete cds. /FER=mRNA /PROD=51kDa subunit of NADH dehydrogenase /DB XREF=qi:5138911 /UG=Hs.7744 NADH dehydrogenase (ubiquinone) flavoprotein 1 (51kD) /FL=qb:AF053070.1 qb:AF092131.1 qb:NH 007103.1
209224_s_at	<pre>gb:BC003674.1 /DEF=Homo saplens, NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2 (8kD, B8), clone MGC:12315, mRNA, complete cds. /FEA=mRNA /PROD=NADH dehydrogenase (ubiquinone) 1 alphasubcomplex, 2 (8kD, B8) //DB XREF=gi:13277539 /UG=Hs.163867 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2 (8kD, B8) //FE=gb:BC003674.1 gb:AF047185.1 qb:NM 002488.1 qb:AF077029.1</pre>
210574_s_at	gb:AF241788.1 /DEF-Homo sapiens NPD011 (NPD011) mRNA, complete cds.//FEA-mRNA /GEN-NPD011 /PR0D-NPD011 /DB XREF-91:12005492 /UG-Hs:263812 nuclear distribution gene C (A.nidulans) homolog /FL-eb:AF241788.1
214259_s_at	AI144075 /FEA=EST reductase family 7
209234_at	Protein /FL-gb:BC001415.1
203654_s_at	gb:NM 004645.1 /DEF-Homo sapiens collin (COIL), mRNA. /FEA=mRNA /GEN=COIL /PROD=collin /DB_XREF=gi:4758023 /UG-Hs.966 collin /FEA=gi:0758023 /UG-Hs.966 collin /FEA=gi:0758023 /UG-Hs.966 collin /
201129_at	gb:NM-006276.2 /DEF-Homo sapiens splicing factor, arginineserine-rich 7 (35kD) (SFRS7), mRNA. /FEA-mRNA /GEN-SFRS7 / PROD-splicing factor, arginineserine-rich 7 (35kD) /DB XREF-gi:6857827 /UG-Hs.184167 splicing factor, arginineserine-rich 7 (35kD) /FL-gb:BC000997.2 gb:L22253.1 gb:NM 006276.2
202451_at	gb:BC000365.1 /DEF=Homo sapiens, general transcription factor IIH, polypeptide 1 (62kD subunit), clone MGC:8323, mRNA, complete cds. /FRA-mRNA / PROD-general transcription factor IIH, polypeptide 1(62kD subunit). /DB_XREF=gi:12653194 /UG-Hs.89578 general transcription. Transcription factor IIH, polypeptide 1 (62kD subunit). /FI-qb:BC000365.1 db:BC004452.1 db:M95609.1 db:NM 065316.1
218072_at	sapiens HSPC166 protein (HSPC166), mRNR. /FEA-mRNĀ /GEN-HSPC166 /F HS.279836 HSPC166 protein /FL-gb:AL136688.1 gb:AF161515.1 gb:NN 014

203063_at	gb:NM 014634.1 /DEF=Homo sapiens KIAA0015 gene product (KIAA0015), mRNA. /FEA=mRNA /GEN=KIAA0015 /PROD=KIAA0015 gene product /DB XREF=gi:7661861 /UG=Hs.278441 KIAA0015 gene product /FL=gb:D13640.1 gb:NM 014634 1
204037_at	055366 /FEA=EST /DB XREF=g1:10809262 /DB_XREF=est:7j78f10.xl /CLONE=IMAGE:3392587 1 differentiation, Tysophosphatidic acid G-protein-coupled receptor, 2 11.1 gb:NM 001401.1
218298_s_at	gb:NM 024952.1 /DEF=Homo sapiens hypothetical protein FLJ20950 (FLJ20950), mRNA. /FEA=mRNA /GEN=FLJ20950 // PSOP // PSOP=hypothetical protein FLJ20950 /DB XREF=q1:13376436 // UG-Hs.285673 hypothetical protein FLJ20950 // PSOP // P
204158_s_at	gb:NM 006019.1 /DEF=Homo sapiens T-cell, immune regulator 1 (TCIRG1), mRNA. /FEA=mRNA /GEN-TCIRG1 /PROD=ATPase, H+ transporting, 116kD /DB XREF-g1:5174620 /UG-Hs.46465 T-cell, immune regulator 1 /FL-ab:U45285.1 ab:NM 006019 1
208842_s_at	175.
203047_at	o sapiens Hs.16134 s
213408_s_at	024034.1 /DEF-Homo sapiens cDNA FL013972 fis, clone Y79AA1001548, NATIDYLINOSITOL 4-KINASE ALPHA (EC 2.7.1.67). /FEA-mRNA /DB_XREF-givylnositol 4-kinase, catalytic, aloha polyoeptide
209858_x_at	1 C C C
35626_at	nan N-sulphoglucosamine
201871_s_at	gb:NN 015853.1 /DEF=Homo sapiens ORF (LOC51035), mRNA. /FEA=mRNA /GEN=LOC51035 /FROD=unknown protein LOC51035 / DB XREF=qi:1705653 /UG=Hs.77868 ORF /FI=ab:BC000902.1 dp:M68864.1 db:NM 015853 1
212204_at	L049944.1 /DEF=Homo sapiens mRNA; cDNA DKF2 2022 /PROD=hypothetical protein /DB XREF=oi
217802_s_at	iens similar to rat nuclear ubiquitous casein kinase 2 (NUCKS), mRNA. /FE ubiquitous casein kinase2 /DB XREF-gi:12232386 nuclear ubiquitous casein kinase 2 /FF-nh:NM 022731 1 nh:RCAOABAS 1
201960_s_at) sapiens KIAA0916 protein (KIAA0916), mRNA. /FEA-mRNA /GEN- 1s.151411 KIAA0916 protein /FL-qb;AF075587,1 ob;AF083244 1
47608_at	401:tq18h09.x1 Homo sapiens cDNA, 3 end /clone=IMAGE-2209217 /
210250_x_at	9D:AF067854.1 /DEF=Homo sapiens adenylosuccinate lyase (ADSL) mRNA, alternatively spliced, complete cds. //FEA-mRNA /GEN-ADSL /PROD-adenylosuccinate lyase /DB XREF=q1:3211983 /UG-Hs. 75527 adenylosuccinate lyase /PI-ch.ben6784 1
218495_at	ANA /GEN=UXT -expressed transcrip
201106_at	saplens glutathione peroxidase 4 (ph lase 4 /DB_XREF=gi:4504106 /UG=Hs.2706
203569_s_at	9b:NM 003611.1 /DEF=Homo sapiens chromosome X open reading frame 5 (CXORFS), mRNA. /FEA-mRNA /GEN-CXORFS / Proch-NM 003611 1 PROD=chromosome X open reading frame 5 /DB XREF=q1:4503178 /UG=H8:6483 oral-facial-digital syndrome 1 gene /FL=nh-NM 003611 1
201316_at	L523904 /FEA=EST /DB XREF=gi.12787397 /DB XREF=est:AL523904 /CLONE-CSODC003YB07 (3 prime) / (prosome, macropain) subunit, alpha type, 2 /FL-dp:NM 002787.1
218336_at	Sapiens prefoldin 2 (PFDN2), mRNA. /FEA-m /FL-gb:NM 012394.2 gb:AF165883.1 gb:AF117
209370_s_at	:502377 /FEA-EST /DB XREF-gi:9704785 /DB_XREF-es
201036_s_at	<pre>gb:NM 005327.1 /DEF=Homo sapiens L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain (HADHSC), mRNA. /FEA=mRNA /GEN=HADHSC / PROD=L-3-hydroxyacyl-Coenzyme A dehydrogenase, shortchain /DB_XREF=gi:4885386 /UG=Hs.8110 L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain /FL=gb:BC000306.1 gb:NM 005327.1</pre>
208776_at	Consensus includes gb:BE432873 /FEA=EST /DB_XREF=gi:11445036 /DB_XREF=est:7n28a02.xl /CLONE=IMAGE:3565730 /UG=Hs.90744 proteasome

	(prosome, macropain) 26S subunit, non-ATPase, 11 /FL-gb:BC000437.1 gb:BC0004430.1 gb:AB003102.1 gb:AF001212.1 gb:NM_002815.1
214765_s_at	KO24677.1 /DEF=Homo sapiens cDNA 437016 /UG=Hs.264330 N-acylsphin
204225_at	is histone deacetylase 4 (HDAC4), mRNA. /FEÄ=mRNA /GEN=HDAC4 /PROD=histone O histone deacetylase 4 /FL=gb:NM 006037.2 gb:AF132607.1
214170_x_at	A669797 /FEA=EST /DB_XREF=qi:2631296 /DB_XREF=est:ag36c01.s1 /CLONE=IMAGE:1118880
218210_at	gb:NN 024619.1 /DEF-Homo sapiens hypothetical protein FLJ12171 (FLJ12171), mRNA. /FEA-mRNA /GEN-FLJ12171 /PROD-hypothetical protein FLJ12171 /DB XREF-g1:13375839 /UG-Hs.31431 hypothetical protein FLJ12171 /FL-gb:AL136631.1 gb:NN 024619.1
218652_s_at	pb:NM 017733.1 /DEF-Womo sapiens hypothetical protein FLJ20265 (FLJ20265), mRNA. /FEA-mRNA. /GEN-FLJ20265 /PROD-hypothetical protein FLJ20265 /FEA-mRNA. /GEN-FLJ20265 /PROD-hypothetical protein FLJ20265 /FL-qb:BC001249.1 gb:BC000937.2 gb:NM 017733.1
201270_x_at	gb:NN 015332.1 /DEF=Homo sapiens KIAA1068 protein (KIAA1068), mRNA. /FEA=mRNA /GEN=KIAA1068 /PROD=KIAA1068 protein / DB XREF=gi:13357209 /UG=Hs.4770 KIAA1068 protein /FL=gb:BC003691.1 gb:NM 015332.1
203906_at	IGS2645 /FER=EST /DB_KREF=qi:4736624 /DB_KREF=est:wb30b07.x1 /CLONE=IMAGE:2307157 /UG=Hs.4764 KIAF .1 gb:NM 014869.1
221516_s_at	hypothetical protein, clone MGC:1067, mRNA, complete cds. /FEA=mRNA /PROD=hypothetic hypothetical protein /FL=gb:BC002587.1
209492 <u>z</u> at	<pre>gb:BC003679.1 /DEE-Homo sapiens, ATP synthase, H+ transporting, mitochondrial FO complex, subunit e, clone MGC:12532 mRNA, Complete cds. /FEA-mRNA /ROD-ATP-synthase, H+ transporting, mitochondrial FOcomplex, subunit e /DB_XREF=gi:13277543 / MC-He. R543 ATP synthase, H+ transporting, mitochondrial FO complex, subunit e /FE-cb:BC003679.1</pre>
212048_s_at	Consensus includes gb:AN245400 /FEA=EST /DB_XREF=g1:6588393 /DB_XREF=est:2822751.3prime /CLONE=INAGE:2822751 /UG=Hs.239307 Evrosy1-tRNA synthetase
204214_s_at	o sapiens RAB32, member RAS oncogene family (RAB32), mRNA. F-gi:5803132 /UG-Hs.32217 RAB32, member RAS oncogene famil
217796_s_at	gb:NM 017921.1 /DEF-Homo sapiens hypothetical protein FLJ20657 (FLJ20657), mRNA. /FEA-mRNA /GEN-FLJ20657 /PROD-hypothetical protein FLJ20657 /FL-gb:NM 017921.1
203327_at	122903 /FEA-EST /DB_XREF-gi:1137053 /DB_XREF-est:yx66e04.sl / gb:NM 004969.1
208659_at	ride channel ABP M 001288.2
222218_s_at	AJ400843.1 /DEF=Homo sapiens partial mRNA ĭ A=mRNA /GEN=FDF03-M14 /PROD=cell surface re ceptor alpha
211862_x_at	sapiens Usurpin-beta mRNA, complete cds. /FEA-CDS /PROD-Usurpin-beta regulator /FL-gb:AF015451.1
209080_x_at	• sapiens PKCq-interacting protein PICOT (PICOT) mRNA, complete cds. OT /DB XREF=q1:6840952 /UG=Hs.4264/thioredoxin-like /Fi=gb:BC00528
200789_at	gb:NN 001398.1 /DEF-Homo sapiens enoyl Coenzyme A hydratase 1, peroxisomal (ECH1), mRNA. /FEA-mRNA /GEN-ECH1 /PROD-peroxisomal enoyl-Coenzyme A hydratase-likeprotein /DB_XREF-q1:4503446 /UC-Hs.196176 enoyl Coenzyme A hydratase 1, peroxisomal / Frach:NM 001348 1 drill fifed)
90610_at	
201704_at	gb:NM 001247.1 /DEF=Homo sapiens ectonucleoside triphosphate diphosphohydrolase 6 (putative function) (ENTPD6), mRNA. / FEA=mRNA /GEN=ENTPD6 /PROD=ectonucleoside triphosphate diphosphohydrolase 6(putative function) /DB_XREF=gi:4557422 / UG=Hs.12330 ectonucleoside triphosphate diphosphohydrolase 6 (putative function) /FL=gb:AF039916.1 gb:NM 001247.1
218026_at	
214771_x_at	.1 /DEF-Homo sapiens cDNA: FLJ21951 fis, clone HEP04968. /FEA-mRNA /DB_XREF-gi:1043
208760_at	Consensus includes gb:AL031714 /DEF-Human DNA sequence from clone IA16-358B7 on chromosome 16 Contains the UBE21 gene for ubiquitin-conjugating enzyme E21 (homologous to yeast UBC9), and an RPS20 (40S Ribosomal protein S20) pseudogene. Contains E3Ts, STSs. GSSs and a putative CpG is /FEA-mRNA /DB XREF=g1:4775608 /UG-Hs.84285 ubjquitin-conjugating enzyme E2I (homologous to

	yeast UBC9) /FL=gb:U45328.1 gb:U31933.1 gb:BC000427.1 gb:BC004429.1 gb:U31882.1 gb:U66818.1 gb:U66867.1 gb:U38785.1 gb:W60345.1 gb:U29092.1
212607_at	Consensus includes gb:N32526 /FEA-EST / DB_XREF=g1:1152925 / DB_XREF=est:yyllf04.sl /CLONE=IMAGE:270943 / UG-Hs.300642 serologically defined colon cancer antigen 8
64418_at	Cluster Incl. A1472320:tj87c02.x1 Homo sapiens cDMA, 3 end /clone=IMAGE-2148482 /clone_end=3 /gb=A1472320 /gi=4334410 / ug=Hs.48504 /len=548
205819_at	gb:NM 006770.1 /DEF-Homo sapiens macrophage receptor with collagenous structure (MARCO), mRNA. /FEA-mRNA /GEN-MARCO / PROD-macrophage receptor with collagenous structure /DB_XREF-gi:5803079 /UG-Hs.67726 macrophage receptor with collagenous structure /FL-ob:AF035819.1 db:NM 006770.1
218019_s_at	9b:NM 021941.1 /DEE-Homo sapiens hypothetical protein FLJ21324 (FLJ21324), mRNA. /FEA-mRNA /GEN-FLJ21324 /PROD-hypothetical protein FLJ21324 /DB XREF-q1:11345479 /UG-Hs.4146 typothetical protein FLJ21324 /DB XREF-q1:11345479 /UG-Hs.4146 typothetical protein FLJ21324 /FIA-NA 021441 1 AB 10002551
219220_x_at	sapiens GK002 protein (GK002), mRNA. FEA-mRNA /GEN-GK0C in, gibt protein; chromosome 3 open reading frame 5 /Fi-a-
212355_at	075450 /FEA=EST /DB_XREF=g1:3399805 /DB_XREF=est:oz82g10.x1 /CLONE=IMAGE:1681890 /
214735_at	Consensus includes gb: AW166711 /FEA-EST /DB_XREF-gi: 6398236 /DB_XREF-est: xg27h02.x1 /CLONE-IMAGE: 2628819 / UG-Hs. 185140 KIAA0403 protein
219041_s_at	gb:NM 014374.1 /DEE-Homo sapiens zinc finger protein (AP4), mRNA. /FEA=mRNA /GEN=AP4 /PROD=zinc finger protein / DB XREF=g1:7656889 /UG-Hs.90693 zinc finger protein /FL=qb:BC000363.1 ob:NM 014374.1
209110_s_at	gb:ALO50259.1 /DEE-Homo sapiens mRNA; cDNA DKF2p564D0782 (from clone DKF2p564D0782); complete cds. /FEA-mRNA /GEN-DKF2p564D0782 / FROD-hypothetical protein /DB_XREF-g1:4886476 /UG-Hs.170160 RAB2, member RAS oncogene family-like /FL-gb:D85757.1 gb:NN 004761.1 gb:ALO50259.1
215691_x_at	Consensus includes gb:AV702994 /FEA=EST /DB_XREF=gi:10719324 /DB_XREF=est:AV702994 /CLONE=ADBAPB06 /UG=Hs.46967 HSPCO34 protein
207614_s_at	gb:NM_003592.1 /DEF=Homo sapiens cullin 1 (CUL1), mRNA. /FEA=mRNA /GEN=CUL1 /PROD=cullin 1 /DB_XREF=g1:4503160 / UG=Hs.14541 cullin 1 /FE_gb:U58087.1 gb:NM 003592.1
213405_at	Consensus includes gb:N95443 /FEA-EST /DB XREF-gi:1267753 /DB_XREF-est:zb81c12.s1 /CLONE-IMAGE:310006 /UG-Hs.19180 Homo sapiens mRNA; cDNA DKF2p564E122 (from clone DKF2p564E122)
208835_s_at	Consensus includes gb:AW089673 /FEA-EST /DB_XREF=g1:6047017 /DB_XREF=est:xd21h11.xl /CLONE=IMAGE:2594469 /UG-Hs.3688 cisplatin resistance-associated overexpressed protein /FL=qb:AB034205:1
202225_at	Consensus includes gb:RM612311 /FEA=EST /DB XREF=g1:7317497 /DB XREF=est:hg95e07.x1 /CLONE=IMAGE:2953380 /UG-Hs.306088 v-crk avian sarcoma virus CT10 oncogene homolog /FL-gb:D10656.1 qb:NM 016823.1
218358_at	95:NM 024324.1 /DEF=Homo sapiens hypothetical protein MGC11256 (MGC11256), mRMA. /FEA=mRNA /GEN=MGC11256 /PROD=hypothetical protein MGC11256 /DB XREF=gi:13236568 /UG-Hs.28029 hypothetical protein MGC11256 /FL=db:BC002894 1 db:NM 024324)
213511_s_at	167164 /FER-EST /DB_XREF-gi:3700334 /DB_XREF-est:0008c10.xl /CLONE-
218133_s_at	gb:NM 021824.1 /DEF=Homo sapiens NIF3 (Ngg1 interacting factor 3, S.pombe homolog)-like 1 (NIF3L1), mRNA. /FEA=mRNA /GEN=NIF3L1 / PROD=NIF3 (Ngg1 interacting factor 3, S.pombehomolog)-like 1 /DB XREF=g1:11141898 /UG=Hs.21943 NIF3 (Ngg1 interacting factor 3, S.pombe homolog)-like 1 /FL=qb:AF182416.1 qb:NM 021824.1 qb:AF060513.1 qb:app3R844
212007_at	H
204690_at	gb:NM 004853.1 /DEF=Homo sapiens syntaxin 8 (STX8), mRNA. /FEA=mRNA /GEN=STX8 /FROD=syntaxin 8 /DB_XREF=gi:4759187 /UG=Hs.119525 syntaxin 8 /FL=gb:AF062077.1 qb:AF036715.1 qb:AF115323.1 qb:NM 004853.1
210042_s_at	gb:AF073890.1 /DEF-Homo sapiens cathepsin X precursor, mRNA, complete cds. /FEA=mRNA /PROD=cathepsin X precursor / DB XREF=g1:3650497 /UG-Hs.252549 cathepsin Z /FL=qb:AF032906.1 db:AF073890.1 db:NA 001336.1 ch.aF13674
32091_at	omo sapiens mRNA for KIAA0446 protein, complete cds /cds=(3531,4286)
201135 <u>a</u> t	gb:NM 004092.2 /DEF=Homo sapiens enoyl Coenzyme A hydratase, short chain, 1, mitochondrial (ECHSI), nuclear gene encoding mitochondrial protein, mRNA. /FEA-mRNA /GEN-ECHSI /PROD-mitochondrial short-chain enoyl-coenzyme Ahydratase 1 precursor / DB XREF=gi:12707569 /UG-Hs.76394 enoyl Coenzyme A hydratase, short chain. 1. mitochondrial /FI=ch:NM 004042 2 Ab. 11200 1
220526_s_at	224 (FLJ10024), mRNA. /FEA-mRNA /GEN-FLJ10024 /PROF ein FLJ10024 /FL-gb:NM 017971.1

202531_at	
213465_s_at	Consensus includes gb:BF718769 /FEA=EST /DB_XREF=gi:12019514 /DB_XREF=est:KEST72 /CLONE=S90413.NIH-107-R.ab1 /UG=Hs.36587 protein phosphatase 1, regulatory subunit 7
202025_x_at	gb:NN_001607.2 /DEF=Homo sapiens acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase) (ACAAI), thickler gene encoding mitochondrial protein, mRNB FEA-mRNBA /CEN-ACAAI / PROD-acetyl-Coenzyme A acyltransferase 1 / Instruction of the coenzyme a protein of the coenzyme and the coenzyme
	EL-dated 1 db:NM 001607.2
203944_x_at	gb:NM 001049.1 /DEF-Homo sapiens butyrophilin, subfamily 2, member Al (BTN2Al), mRNA, /FEA-mRNA /GEN-BTN2Al /PROD-butyrophilin, subfamily 2, member Al /FE-gb:U90543.1 gb:NM 007049.1
214290_s_at	13324 /FEA=EST /DB_XREF=qi:4018929 /DB_XREF=e
208415_x_at	gb:NN 005537.1 /DEF-Homo sapiens inhibitor of growth 1 family, member 1 (ING1), mRNA. /FEA-mRNA /GEN-ING1 /PROD-inhibitor of growth 1 family, member 1 /FL-qb:AF001954.1 db:NM 005537.1
216396_s_at	131850.1 /DEF-Homo sapiens clone 24988 mRNA sequence. /FEA-mRNA /DB_XREF-g1:4406694 /UG-Hs.286027
203033_x_at	6
203971_at	gb:NM 001859.1 /DEF=Nomo sapiens solute carrier family 31 (copper transporters), member 1 (SLC31A1), mRNA. /FEA=mRNA / GEN=SLC31A1 /PROD=solute carrier family 31 (copper transporters), member 1 /DB_XREF=q1:4507014 /UG-Hs.73614 solute carrier family 31 (copper transporters), member 1 /FL-gb:UB3460.1 gb:NM 001859.1
203241_at	o sapiens UV radiation resistance assene /DB XREF=q1:4507860 /UG=Hs.13137
201142_at	%577698 /FEA=EST /DB XREF=g1:2355882 /DB XREF=est:nn22h05.s1 /CLONE=IMAGE:1084665 /UG-Hs.151777 factor 2, subunit 1 [alpha, 35kD) /FL=gb:BC002513.1 gb:J02645.1 gb:NM 004094.1
208818_s_at	gb:BC000419.1 /DEF=Homo sapiens, catechol-O-methyltransferase, clone MGC:8663, mRNA, complete cds. /FEA=nRNA / PROD-catechol-O-methyltransferase /DB XREF=gi:12653300 /UG=Hs.240013 catechol-O-methyltransferase /FL=gb:BC000419.1 gb:M58525.1 gb:M65212.1 gb:NM 007310.1 gb:NM 000754.2
203436_at	gb:NM 006413.1 /DEF=Homo sapiens ribonuclease P (30kD) (RPP30), mRNA. /FEA=mRNA./GEN-RPP30 /PROD=ribonuclease P (30kD) / DB XREF=gi:5454023 /UG-Hs.139120 ribonuclease P (30kD) /FL=gb:U77665.1 gb:NM 006413.1
201380_at	gb:NM 006371.1 /DEF=Homo sapiens cartilage associated protein (CRTAP), mRNA. /FEA-mRNA /GEN=CRTAP /PROD=cartilage associated protein /DE XREF=gi:5453600 /UG=Hs.155481 cartilage associated protein /FL=gb:NM 006371.1
203614_at	gb:NM 021645.1 /DEF=Homo sapiens KIAA0266 gene product (KIAA0266), mRNA. /FEA-mRNA /GEN=KIAA0266 /PROD=KIAA0266 gene product / DB XREF-gi:11063982 /UG-Hs.127376 KIAA0266 gene product /FI-gb:NM 021645.1 gb:D87455.1
208649_s_at	gb:AF100752.1 /DEF-Homo sapiens transitional endoplasmic reticulum ATPase mRNA, complete cds. /FEA-mRNA /PROD-transitional endoplasmic reticulum ATPase /DB XREF-gi:5410289 /UG-Hs.106357 valosin-containing protein /FL-gb:AF100752.1 gb:NM 007126.2
209012_at	Consensus includes gb:AV718192 /FEA=EST /DB XREF=gi:10815344 /DB_XREF=est:AV718192 /CLONE=FHTAABE08 /UG=Hs.171957 triple functional domain (PTPRF interacting) /FL=gb:AF091395.1
212100_s_at	Consensus includes gb: 293241 /DEF-Human DNA sequence from clone 222E13 on chromosome 22. Contains three novel genes, an ATP Synthase G Chain, Mitochondrial (EC 3.6.1.34) pseudogene and the DIA1 gene for diaphorase (NADH) (cytochrome b-5 reductase) (EC 1.6.2.2). Contains ESTs, SISs, /FEA-mRNA 5 /DB XREF-qi:4826450 /UG-Hs.278314 hypothetical protein
208756_at	eceptor interacting protein 1 mRNA, c -Hs.192023 eukaryotic translation ini 9067.1 gb:NM 003757.1 gb:AF116697.1
213034_at	Consensus includes gb:AB023216.1 /DEF=Homo sapiens mRNA for KIAA0999 protein, partial cds. /FEA=mRNA /GEN=KIAA0999 / PROD=KIAA0999 protein /DB XREF=gi:4589641 /UG=Hs.4278 KIAA0999 protein
200684_s_at	/FEA=EST !L 3 /FL=g
213019_at	
218617_at	gb:NM_017646.1 /DEF=Homo sapiens tRNA isopentenylpyrophosphate transferase (IPT), mRNA. /FEA=mRNA /GEN=IPT / PROD=tRNA isopentenylpyrophosphate transferase /DB XREF=gi:8923064 /UG=Hs.288036 tRNA isopentenylpyrophosphate transferase /

. : '	L1-9b1.01 017646.1
208308_s_at	1. "
209429_x_at	<pre>gb:AF112207.1 /DEF-Homo sapiens translation initiation factor eIF-2b delta subunit mRNA, complete cds. /FEA=mRNA / PROD-translation initiation factor eIF-2b deltasubunit /DB_XREF-g1:6563201 /UG=Hs.169474 DKF2P586J0119 protein / FL=gb:BC001870.1 gb:AF112207.1</pre>
221501_x_at	sapiens KIAA0220 s.251928 nuclear
209161 <u>a</u> t	184802 /FEA-EST /DB XREF=gi:3735440 /DB XREF=est:9 916369.1 gb:U82756.1 gb:NM 004697.1
201414_s_at	gb:NM 005969.1 /DEF=Homo sapiens nucleosome assembly protein 1-like 4 (NAPIL4), mRNA. /FEA=mRNA /GEN=NAPIL4 / PROD-nucleosome assembly protein 1-like 4 /DB_XREF=91:5174612 /UG=Hs.78103 nucleosome assembly protein 1-like 4 / FL=ch:U77456.1 ob:NM 005969.1
212361_s_at	Consensus includes qb:AW190070 /FEA=EST /DB XREF=q1:6464550 /DB XREF=est:xlllfll.xl /CLONE=IWAGE:2675949 /UG-Hs.1526 ATPase, Ca++ transporting, cardiac muscle, slow twitch 2
204084_s_at	Consensus includes gb:AI911687 /FEA-EST /DB XREF=gi:5631542 /DB XREF=est:wc71g01.x1 /CLONE=INAGE:2324112 /UG-Hs.30213 ceroid-lipofuscinosis, neuronal 5 /FL-gb:AR068227.1 gb:NN 006493.1
203200_s_at	gb:NM 024010.1 /DEE=Homo sapiens 5-methyltetrahydrofolate-homocysteine methyltransferase reductase (WTRR), transcript variant 2, mRNA. /FEA=mRNA /GEN=MTRR /PROD=methionine synthase reductase, isoform 2 / DB_XREF=gi:13325067/ UG=Hs.153792 5-methyltetrahydrofolate-homocysteine methyltransferase reductase /FI=ch:NM 024010 1 ch.RF191914 1
201405_s_at	gb:NM 006833.1 /DEF=Homo sapiens COP9 subunit 6 (MOV34 homolog, 34 kD) (MOV34-34KD), mRNA. /FEA=mRNA /GEN=MOV34-34KD / PROD=COP9 subunit 6 (MOV34 homolog, 34 kD) /DB_XREF=g1:5803095 /UG=Hs.15591 COP9 subunit 6 (MOV34 homolog, 34 kD) / FL=gb:BCO02520.1 gb:U70735.1 gb:NM 006833.1
218556_at	- ເກ
217756_x_at	sapiens small EDRK-rich factor 2 (SERF2), 3.323806 small EDRK-rich factor 2 /FL-qb:
209206_at	
212165_at	F070537.1 /DEF-Homo sapiens clone 2460 A sequence
208983_s_at	
202042_at	sapiens histidyl-tRNA syntheta: .77798 histidyl-tRNA synthetas
202433_at	gb:NM 005827.1 /DEF=Homo sapiens UDP-galactose transporter related (UGTREL1), mRNA. /FEA=mRNA /GBN=UGTRE11 / PROD-UDP-galactose transporter related /DE_XREF=gi:5032212 /UG=Hs.154073 UDP-galactose transporter related /FL=gb:D87989.1 gb:NM 005827.1
201145_at	9b:NM 006118.2 /DEF=Homo sapiens HS1 binding protein (HAXI), mRNA. /FEA=mRNA /GEN=HAXI /PROD=HS1 binding protein / DB XREF=q1:13435355 /UG=Hs.15318 HS1 binding protein /FL=q1:NM 006118.2 qb:BC005240.1 qb:U68566.1
211975_at	99671 /FEA-EST /DB XREF-gi:9183419 /DB XREF-es se C and casein kinase substrate in neurons 3
200918_s_at	sapiens s particle r :BC001162.
203497_at	gb:NM 004774.1 /DEF=Homo sapiens PPAR binding protein (PPARBP), mRNA. /FEA=mRNA /GEN=PPARBP /PROD=thyroid hormone receptor interactor 2 /DB XREF=gi:4759265 /UG=Hs.15589 PPAR binding protein /FL=qb:AF055994.1 qb:NM 004774.1 qb:AF283812.1
209153_s_at	
220966_x_at	gb:NM 030978.1 /DEF=Homo sapiens hypothetical protein similar to actin related protein 23 complex, subunit 5 (MGC3038), mRNA. / EEA-mRNA /GEN-MGC3038 /PROD-hypothetical protein similar to actin relatedprotein 23 complex, subunit 5 /DB:XREF-gi:13569955 / FL-gb:NM 030978.1

212785_s_at	KEF-gi:1734757 /DB_XREF-est:zo81d09.
219176_at	
218679_s_at	
206991_s_at	
209770_at	gb:U90552.1 /DEF=Human butyrophilin (BFF5) mRNA, complete cds. /FEA=mRNA /GEN=BTF5 /PROD=butyrophilin /DB_XREF=g1:2Ub2/U3 / UG-Hs:284283 butyrophilin, subfamily 3, member Al /FL=gb:U90552.1
214268_s_at	0 /FEA-EST /DB_XREF-gi:5421564 /DB_XREF-est:DKFZp434H1920_s1 /CLONE-DK 4
201885_s_at	gb: NM 000399.3 /DEF-Homo sapiens diaphorase (NADH) (cytochrome b-5 reductase) (DIA1), nuclear gene encoding mitochondrial protein, transcript variant M, mRNA. /FEA-mRNA /GEN-DIA1 /PROD-cytochrome b5 reductase, membrane-bound isoform /
100000	DB XREF=g1:6552326 /UG=Hs.274464 diaphorase (NADH) (cytochrome D-5 reductase) /th=gb:BLU0482.1.1 gp:NM UU038:3
209688_s_ar	=Hs.26118 Homo saptens clone 24766.mRNA sequence /FL-gb:BC005078.1
203487_s_at	o sapiens DKF2F434A043 protein (DKF2F434A043), mRNA. /FEA-mRNA /GEN-DKF2F434A043 /FRUD-DKF2F434A0 -Hs.102708 DKF2F434A043 protein /FL-gb:NN 015396.1
202155_s_at	GEN-NUP214 /PROD-nucleoporin 214kD (CAIN) /
221786_at	Consensus includes gb:BF197222 /FEA-EST /DB_XREF-gi:11005906 /DB_XREF-est:7m80b07.x1 /CLONE-INAGE:3561949 /UG-Hs.12342 Homo sapiens clone 24538 mRNA sequence
212846_at	A811192 /FEA-EST /DB_XREF-g1:2880803 /DB_XREF-est:ob72b08.s1 /CLONE-IMAGE:133
209444_at	gb: BC001851.1 / DEF-Homo sapiens, Similar to RAPI, GTP-GDP dissociation stimulator 1, clone MGC: 4525, mRNA, complete cds. /
	FEM-MRNA / FRUD-SIMILAI to RAFI, GIF-OUR GISSOLGATUM STIMULACUII / DI AREI 91:1203111 / CG Stimulator 1 /FL-gb:NM 021159.1 gb:BC001851.1 gb:BC001816.1 gb:AF215923.1 gb:AF237413.1
211937_at	Consensus includes gb:NM 001417.1 /DEF-Homo sapiens eukaryotic translation inttiation factor 4B (EIF4B), mRNA. /FEA-CDS / GEN-EIF4B /PROD-eukaryotic translation initiation factor 4B /DB_XREF-gi:4503532 /UG-Hs.93379 eukaryotic translation initiation factor 4B /FL-gb:NM 001417.1
201800_s_at	gb:AF185696.1 /DEF=Homo saplens oxysterol-binding protein 1 (OSBP1) mRNA, complete cds. /FEA=mRNA /GEN=OSBP1 / PROD=oxysterol-binding protein 1 /DB_XREF=gi:10441379 /UG=Hs.24734 oxysterol binding protein /FL=gb:AF185696.1 gb:M86917.1
211730_s_at	/DEF=Homo sapiens, polymerase (RNA) II (DNA directed) polypeptide L (7.6kD), clone MGC: -polymerase (RNA) II (DNA directed) polypeptide L(7.6kD) /DB XREF=gi:13543491 /FL=gb:BC
65635_at	sl Homo sapiens cDNA, 3 end /clone-DKF2p434M1928 /clone_end=3
207438_s_at	gb:NN 005701.1 /DEF-Homo sapiens RNA, U transporter 1 (RNUT1), mRNA. /FEA-mRNA /GEN-RNUT1 /PROD-RNA, U transporter 1 / DE XREF-gi:5031832 /UG-Hs.21577 RNA, U transporter 1 /FL-gb:AF039029.1 gb:NM 005701.1
221819_at	EST /DB_XREF=g1:12097014 /DB_XREF=est:602252342F1 /CLONE=IMAGE:434 e NT2RPI000851
203912_s_at	deozyribonuclease I-like 1 (DNASEIL1), mRNA. /FEA-mRNA /GEN-DNASEIL1 /PROD-deoxyribonuc Hs.77091 deoxyribonuclease I-like 1 /FL-gb:U06846.1 gb:NN 006730.1.
216996_s_at	Consensus includes gb:AK021557.1 /DEE-Homo sapiens cDNA FLJ11495 fis, clone HEMBA1001950, highly similar to Homo sapiens mkNA for KIAA0971 protein. /FEA-mRNA /DB XREE-gi:10432760 /UG-Hs.84429 KIAA0971 protein
202138_x_at	io sapiens JTV1 gene (JTV1), mRNA. /FEA=mRNA /GEN=JTV1 /PROD=JTV1 /DB gb:U24169.1 gb:BC002853.1
219007_at	io sapiens hypothetical protein FLJ13287 (FLJ13287), mRNA. /FEA-mRNA./GEM-FLJ13 EF-gi:13375888 /UG-Hs.53263.hypothetical protein FLJ13887 /FL-gp:NM 024647.1
219714_s_at	gb:NM 018398 1 /DEF-Homo sapiens calcium channel alpha2-delta3 subunit (HGA272268), mRNA. /FEM-mRNA /GEN-HGA272268 / PROD-calcium channel alpha2-delta3 subunit /DB XREF-gi:8923764 /UG-Hs.22958 calcium channel, voltage-dependent, alpha 2delta 3

	subunit /FL-gb:NM_018398.1
201263_at	1 101
Z0115/_s_ar	Consensus includes gb:AE020500.1 /DEF=Homo saptens myristoyl CoA:protein N-myristoyltransferase mRNA, complete cds. /FEA=CDS / FROD=myristoyl CoA:protein N-myristoyltransferase //DB XREF=g1:2760893 /UG=Hs.111039 N-myristoyltransferase 1:/ FEA=CDS / FEA=CDS / FEA=GD:AM A21079.1 qb:AF020500.1 db:AF020500.1 db:A
221593_s_at	gb:BC001663.1 /DEE-Homo sapiens, Similar to ribosomal protein L31, clone MGC:1641, mRNA, complete cds. /FEA-mRNA / PROD-Similar to ribosomal protein L31 /DB XREF-qi:12804504 /NG-Hs 164170 rascular Pah-Cabara-cabasising /rr
214202_at	.364 /FEA=EST
203142_s_at	sapiens adaptor-related protein complex 3, beta 1 subunit (AP3B1), mRNA. related protein complex 3, beta 1 subunit /DB XREF=gi:4501974
222001 x at	60126 /FEA-EST /DB_XREF
213374_z_at	Consensus includes gb:AW000964 /FEA=EST /DB_XREF=g1:5847880 /DB_XREF=est:wr90h10.x1 /CLONE=IMAGE:2495011 /UG=Hs.236642 3-hydroxyisobutyrvl-Coenzyme A hydrolase
201018_at	79283.
206206_at	"Homo sapiens lymphocyte antigen 64 (mouse) homolog, rad phocyte antigen 64 (mouse) homolog, radioprotective, 103:0
209566_at	ntigen 64 (mouse) homolog, radioprotective, 105kD / 80184 1 /DEF~Homo sapiens mRNA; cDNA DKFZc4340071 (
12104 6 21	DB XREF=gi:552661 /UG=Hs.7089 insulin induced protein 2 /FL=gb:AF125392.1
18 8 KITT	consensus includes gb:AI418892 /FEA=EST /DB_XREF=gi:4264823 /DB_XREF=est:tf43c0l.xl /CLONE=IMAGE:2098944 /UG=Hs.79305 KIAA0255 gene product
204526_s_at	gb:NM 007063.1 /DEF=Homo sapiens vascular Rab-GAPTBC-containing (VRP), mRNR. /FER-mRNR./GEN-VRP /PROD-vascular Rab-GAPTBC-containing /DB XREF-q1:5902153 /UG-Hs. 164170 vascular Rah-CapTRC-containing /DB XREF-q1:5902153 /UG-Hs. 164170 vascular
201568_at	Sapiens low molecular mass ubiquinone-binding protein (9.5kD) biquinone-binding protein (DB XREF-gi:7651485 /UG-HS.3709 low
221829_s_at	Consensus includes gb:AI307759 /FEA=EST / DB_XREF=gi:4002363 / DB_XREF=est:tb24g08.x1 /CLONE=IMAGE:2055326 /UG=Hs.168075 Rarvocherin importin beta 2
200613_at	gb:NM 004068.1 /DEF=Homo sapiens adaptor-related protein complex 2, mu 1 subunit (AP2M1), mRNA. /FEA=mRNA /GEN=AP2M1 / PROD=adaptor-related protein complex 2, mu 1 subunit /DB XREF=gi:4757993 /UG=HS.152936 adaptor-related protein complex 2, mu 1 subunit /FL=qb:036188.1 qb:BC004996.1 db:061475 1 ch-NM 0A468 1
213160_at	Consensus includes gb:DB6964.1 /DEF=Human mRNA for KIAA0209 gene, partial cds. /FEA=mRNA /GEN=KIAA0209 /DB_XREF=gi:1504001 / UG=Hs.17211 dedicator of cyto-kinesis 2
211375_s_at	
202276_at	gb:NM 006304.1 /DEF=Homo sapiens Deleted in split-handsplit-foot I region (DSSI), mRNA. /FER=mRNA /GEN=DSSI /PROD=deleted in split-handsplit-foot I region /DB_XREF=g1:5453639 /UG-Hs.85215 Deleted in split-handsplit-foot I region /FL=gb:U41515.1 gb:NM 006304.1
201892_s_at	gb:NN 000884.1 /DEF=Homo sapiens IMP (inosine monophosphate) dehydrogenase 2 (IMPDH2), mRNA. /FEA=mRNA /GEN=IMPDH2 /PROD=IMP (inosine monophosphate) dehydrogenase 2 /DE_XREF=g1:4504688 /UG=Hs.75432 IMP (inosine monophosphate) dehydrogenase 2 /
217905_at	gb:NM 024834.1 /DEF=Homo sapiens hypothetical protein FLJ13081 (FLJ13081), mRNA. /FEA-mRNA /GEN-FLJ13081 /PROD-hypothetical protein FLJ13081 /FLWHS 13376242 /UG-Hs.180638 hypothetical protein FLJ13081 /FLWHS 1 35.38 1 35.38 1 35.38 1
209036_s_at	tochondrial), clone MGC:3559, mRNB, comple NEF-gi:12804928 /UG-Ms.ll1076 malate dehyd

222010_at	224073 /FER-EST /DB XREF-gi:11131299 /DB XREF-est:7q83e05. transferase 2 (acetoacetyl Coenzyme A thiolase)
203825_at	gb:NM 007371.2 /DEE-Homo sapiens bromodomain-containing 3 (BRD3), mRNA. /FEA-mRNA /GEN-BRD3 /PROD-bromodomain-containing protein 3 /DB XREF-gi:12408642 /UG-Hs.86896 bromodomain-containing 3 /FL-gb:NM 007371.2 gb:D26362.1
202943_s_at	lpha-N-acetylgalactosaminidase mi .75372 N-acetylgalactosaminidase,
210555_s_at	ranscription factor NFATx4 mRNA, complete cds. /FEA-mRNA Hs.172674 nuclear factor of activated T-cells, cytoplasmi
	sapiens hypothetical protein FLJ12903 (FLJ12903), mRNA. /FEA-mRNA /GEN-FLJ12903 /PROD-hypoth F-gi:12232418 /UG-Hs.14928 hypothetical protein FLJ12903 /FL-gb:NM 022753.1
208070_s_at	gb:NM 002912.1 /DEF-Homo sapiens REV3 (yeast homolog)-like, catalytic subunit of DNA polymerase zeta (REV3L), mRNA. /FEA-mRNA / GEN-REV3L /PROD-REV3 (yeast homolog)-like, catalytic subunit ofDNA polymerase zeta /DB XREF-gi:4506482 /UG-Ms.115521 REV3 (yeast homolog)-like, catalytic subunit of DNA polymerase zeta /FL-gb:AF078695.1 gb:NM 002912.1 gb:AF179428.1
201272_at	sapiens aldo-keto eductase family 1, ose reductase) /FL-
209824_s_at	/DEF-Homo saplens mRNA for BHAL1b, complete cds. /FEA-mRNA /PROD-BWAL1b /DB_XREF-gi: ceptor nuclear translocator-like /FL-gb:AB000612.1 gb:AF044288.1
209064_x_at	sapiens mRNA; cDNA DKFZp586C051 (from clone DKFZp586C051); complete cds. /FEA-mRNA /GEN-DKFZp n /DB XREF-gi:12053334 /UG-Hs.109643 polyadenylate binding protein-interacting protein 1 /FL-g
200759_x_at	gb:NM 003204.1 /DEF=Homo sapiens nuclear factor (erythroid-derived 2)-like 1 (NFE2L1), mRNA. /FEA=mRNA /GEN=NFEZL1 / PROD= transcription factor 11 (basic leucine zippertype) /DB_XREF=gi:4505378 /UG=Hs;83469 nuclear factor (erythroid-derived 2)-like 1 / FL=gb:NM 003204.1 gb:U08853.1
221787_at	431618 /FEA-EST /DB_XREF-gi:11443732 /DB_XREF-est:7 s clone 24538 mRNA sequence
211581_x_at	/FEA=mRNA /GEN=LST1
37384_at	an mRNA for KIAA0015 gene, coπ
218423_x_at	
210213_s_at	gb.AF022229.1 /DEF-Homo sapiens translation initiation factor 6 (eIF6) mRNA, complete cds. /FEA=mRNA /GEN=eIF6 / PROD=translation initiation factor 6 /DB XREF=qi:2809382 /UG-Hs.5215 integrin beta 4 binding protein /EL=gb:AF022229.1
201598_s_at	sapiens inositol polyphosphate phosphatase-like 1 (INPPLI), mRNA. /FEA-mRNA /GEN-INPPLI / ate phosphatase-like 1 /DB_XREF-gi:4755141 /UG-Hs.75339 inositol polyphosphate phosphatase-li 444.1
204301_at	gb:NM 014867.1 /DEF-Homo sapiens KIAA0711 gene product (KIAA0711), mRNA. /FEA-mRNA /GEN-KIAA0711 /FROD-KIAA0711 gene product / DB XREF-gi:7662259 /UG-Hs.5333 KIAA0711 gene product /FI-gb:AB018254.1 gb:NM 014867.1
202877_s_at	Consensus includes gb:W72082 /FEA=EST /DB_XREF=g1:1382588 /DB_XREF=est:zd70c06.sl /CLONE=IMAGE:345994 /UG=Hs.97199 complement component C1g receptor /FL=gb:NM 012072.2 gb:U94333.1
208772_at	40160676 /FEA-EST /DB_XREF-q1:11022197 /DB_XREF-est:AU160676 / 3.1
201998_at	743792 /F a-galacto
208722_s_at	sapiens, anaphase-promoting complex subunit (complex subunit 5 /DB XREF-gi:12654502 /UG-H 1950.1 gb:AF191339.1 gb:NM 016237.1
55692_at	Cluster Incl. W22924:75H3 Homo sapiens cDNA /clone={not-directional} /gb=W22924 /gi=1299757 /ug=Hs.96560 /len=792
217954_s_at	gb:NM 015153.1 /DEF-Homo sapiens KIAA0244 protein (KIAA0244), mRNA. /FEA-mRNA /GEN-KIAA0244 /PROD-KIAA0244 protein / DB XREF-gi:7662017 /UG-Hs.78893 KIAA0244 protein /FI-gb:AE091622.1 gb:NN 015153.1

Table 2: Genes from Cluster Analysis 2

Affymetrix-internal designation	Description of the sequence in the GeneBank data base
200654_at	gb:JO2783.1 /DEF-Human thyroid hormone binding protein (p55) mRNA, complete cds. /FEA-mRNA /GEN-P4HB DB XREF-g1:339646 /UG-Hs.75655procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), DeFa polypeptide (protein disulfide isomerase; thyroid hormone bindingprotein p55) /FL-gb:JO2783.1 gb:NH 000918.1
203126_at	gb:NM 014214.1 /DEF-Homo sapiens inositol(myo)-1(or 4)-monophosphatase 2 (IMPA2), mRNA. /FEA-mRNA /GEN-IMPA2 / PROD=Inositol(myo)-1(or 4)-monophosphatase 2 /DB_XREF-gi:7657235 /UG-Hs.5753 inositol(myo)-1(or 4)-monophosphatase 2 /FL-ab.AF200432.1qb:NM 014214.1 gb:AF014398.2
203585_at	gb:NM 007150.1 /DEF-Homo sapiens zinc finger protein 185 (LIM domain) (2NF185), mRNA. /FEA-mRNA /GEN-2NF185 /PROD=zinc finger protein 185(LIM domain) /DB XREF-gi:6005971 /UG-Hs.16622 zinc finger protein 185(LIM domain) /FL-gb:NM 007150.1
205220_at	3b:NM 006018.1 /DEF-Homo sapiens putative chemokine receptor; GTP-binding procein (HM14), mkNA. / tex-mkNA /GEN-HM14 /PROD-putative chemokine receptor; GTP-bindingprotein /DB_XREF-gi:5174460 /UG-Hs.137555 putative chemokine receptor; GTP-binding protein /FL-gb:NM 006018.1
	db:NN 001557.1 /DEF-Homo sapiens interleukin 8 receptor, beta (IL8RB), mRNA. /FEA-mRNA /GEN-ILBRB /FROD-interleukin 8 receptor. beta /DB XREF-91:4504682 /UG-Hs.846 interleukin 8 receptor, beta /FI-95194582.1 gb:N13869.1 gb:NN 001557.1 gb:L19593.1 beta /DB XREF-91:4504682 /UG-Hs.846 interleukin 8 receptor, beta /FI-9504.1 gb:N13869.1 gb:NN 001557.1 gb:L19593.1
at	gb:RM 016081.1 /DEF-Homo sapiens pailedin (kiAMU992), mkMM. /seh-mkm. /deh-kkm. / kikob pailedin /EL-gp:RE077041.1 gb:RF151999.1 gb:RM 016081.1 (bc-Hs.194431 pailedin /EL-gp:RE077041.1 gb:RF151999.1 gb:RM 78581-mkm /csh.2000 / psphhanorin 9 /DR XREF-mf:11038652 /
205568_at	gb:NM 020980.2 /DEF=Homo sapiens aquaporin 9 (AQP9), mkNA: /rea=mkNA /sex=APC / reco=aquaporin 9 /FL=gb:NH 020980.2 gb:AB00875.1 gb:APC16495.1 UG-Hs.104624 aquaporin 9 /FL=gb:NH 020980.2 gb:AB00875.1 gb:AB00875.1
214022_s_at	Consensus includes gb:AA749101 /FEA=EST /DB XREF=g1:2/89059 /DB AREF=est:nyilouz.si /clone=inaus.izituz./ UG-Hs.146360 interferon induced transmembrane protein 1 (9-21)
at	gb:AF280094.1 /DEF-Homo sapiens transcriptional coactivator Spli0b mRNA, complete Cds. /rex=mnnA /PROD=transcriptional coactivator Spli0b /DB XREF-qi:9800493 /UG-Hs.39125 interferon-informed profesor 75, 52kD /FL-gb:AF280094.1
	gb:NM 003364.1 /DEF-Homo sapiens uridine phosphorylase (UP), mkNA, /texhanna /texhorylandrine phosphorylase (UP), mkNA, /texhorylandrine phosphorylase /FL-gb:BC001405.1 gb:NM 003364.1
201940_at	Consensus includes gb:AA897514 /FEA=EST /DB XREF=91:3034134 /DB XREF=EST:3192012:31 /LLONE-IFMUE:15370:5 //UG-Hs:5057 carboxypeptidase D /FL=qb:U65090.1 gb:D85390.1 gb:NM 001304.2
at	5804.1 gb:U28014.1
	gb:NM 014821.1 /DEE-Homo sapiens KIAAU31/ gene product (NIAAU31/) MRNA: /FEATMAN SET /EL-GE:AB002315.1 gb:NM 014821.1 /PROD=KIAA0317 gene product /DB XREF-q1:7662051 /UG-Hs.20126 KIAA0317 gene product /EL-GE:AB002315.1 gb:NM 014821.1
201192_s_at	gb:NM 006224.1 /DEF=Homo sapiens phosphotidylindsitoi translei piotein (Filen), mann: /fin-mann / Jun-Filen / PROD-phosphotidylinositol transfer protein /DB_XREF-g1:5453907 /UG-Ms.79709 phosphotidylinositol transfer protein / FI-gb:D30036.1 gb:N73704.1 gb:NM 006224.1
208012_x_at	pb:NM 004509.1 /OEF-Homo sapiens interferon-induced protein 41, 30kD (11111), mkNA. / FLA-mkNA / JANA / JANA / PROD-Interferon-induced protein 41, 30kD /DB_XREF-g1:4758585 /UG-Hs.241510 interferon-induced protein 41, 30kD / F1-gb:122342.1 gb:NM 004509.1
209137_s_at	<pre>gb:BC000263.1 /DEF=Homo sapiens, Similar to ubiquintin c-terminal hydrolase related polypeptide, clone rec. 2014, many, complete cds. /FEA=mRNA /PROD=Similar to ubiquintin c-terminal hydrolaserelated polypeptide /DB_XREF=gi:12653004 / UG=Hs.78829 ubiquitin specific protease 10 /FEI=gb:BC000263.1</pre>
	gb:RN 016605.1 /DEF-Homo sapiens putative nuclear profein (LUC51301); mRNA. / FEAP-MRNA / GENTLOCA1307 / PROD-putative nuclear profein /DB XREF-2117046138 //GG-Hs.102469 putative nuclear protein /FL-991.RF251040.1 gb:RM 016605.1
	Consensus includes gb:Hlb64/ /FEA-ESI / UB AKEE-giragova/ / UD AKEE-ESI./MIZ/OS/SI / CLONESIA OUG224. JEAN OU
210563_x_at	gb: 197075.1 /DEF-Homo sapiens FilCE-like inhibitory protein short form /DB XREF-gi: 2533680 /UG-Hs.195175 CASP8 and FADD-like apoptosis regulator /

	E1.egb:097075.1
221827_at	XREF-gi:10209637 /DB_X
202041_s_at	gb:N4 004214.3 /DEF-Homo sapiens fibroblast growth factor (acidic) intracellular binding protein (FIBP), mRNA. / FER-mRNA /GEN-FIBP /PROD-fibroblast growth factor (acidic) intracellularbinding protein /DB XREF-gi:7262377 / UG-Hs.7766 fibroblast growth factor (acidic) intracellular binding protein /FL-gb:AF171944.I gb:AF171945.1 gb:AF171946.1 gb:AF010187.2 gb:NN 004214.3
201001_s_at	Consensus includes gb:BG164064 /FEA=EST /DB_XREF=gi:12670767 /DB_XREF=est:602341091F1 /CLONE=TNAGE:4449022 / UG=Hs.75875 ubiquitin-conjugating enzyme E2 variant 1 /FL=gb:U39361.1 qb:NM 003349.2 qb:EC000468.1
212975_at	.AB020677.2 /DEF-Homo sapiens mRNA for KIAA0870 protein, partial /DB XREF-qi:6635136 /UG-Hs.18166 KIAA0870 protein
201412_at	gb:NM 014045.1 /DEF=Homo sapiens DKFZP564C1940 protein (DKFZP564C1940), mRNA. /FEA-mRNA /GEN-DKFZP564C1940 / PROD-DKFZP564C1940 protein /DB_XREF-gi:13027587 /UG-Hs.3804 DKFZP564C1940 protein /FL-gb:BC000424.1 gb:NM_014045.1 gb:AF131760.1
203708_at	omo sapiens phosphodiesterase 4 =PDE4B /PROD=phosphodiesterase
	cerase 4B, cAMP-specific
203907_s_at	gb:NM 014869.1 /DEF=Homo sapiens KIAA0763 gene product (KIAA0763), mRNA. /FEA=mRNA /GEN=KIAA0763 /PROD=KIAA0763 gene product / DB XREF=gi:1662289 /UG=Ns.4764 KIAA0763 gene product /FL=gb:AB018306.1 gb:NM 014869.1
209882_at	gb:AF084462.1 /DEF-Homo sapiens GTP-binding protein ROC1 (ROC1) mRNA, complete cds. /FEA-mRNA /GEN-ROC1 / PROD-GTP-binding protein ROC1 /DB XREF-gi:4234917 /UG-Hs.96038 Ric (Drosophila)-like, expressed in many tissues / FL-gb:U71203.1 qb:U78165.1 qb:AF084462.1 qb:NM 006912.1
204276_at	Consensus includes gb:BE895437 /FEA-EST /DB XREF=g1:10358829 /DB XREF=est:601437912F1 /CLONE-IMAGE:3922971 / UG-Hs.274701 thymidine kinase 2, mitochondrial /FL-gb:NM 004614.Ī gb:U77088.1
221984_s_at	
218517_at	omo saplens hypothe tein FLJ22479 /DB X
208740_at	:BE593650 /FEA=EST /DB XREF-q1:11685974 /DB XREF-est:nac02d03.X1 /CLONE=IMAGE:3275957 / ciated polypeptide, 18kD /FL-gb:NM 005870.2 gb:U96915.1 gb:AF153608.1 gb:U78303.1
221484_at	DB_XREF=gi:11976855 /DB_XREF=est:602247615F1 /CLON-galactosyltransferase, polypeptide 5 /FL=qb:AB004
209575_at	rtor, beta, clone MGC.2210, mRNA, complete cds. =gi:12804902 /UG-Ks.173936 interleukin 10 recep
200619_at	Homo sapiens splicing factor 35 3b, subunit 2, 145kD /DB_XREF=006842.1
217286 <u>s</u> at	Consensus includes gb:BC001805.1 /DEF-Homo sapiens, clone IMAGE:3543670, mRNA, partial cds. /FEA=mRNA / PROD-Unknown (protein for IMAGE:3543670) /DE_XREF=g1:12804742 /UG-Hs.240615 hypothetical protein FLJ13556 similar to N-myc downstream regulated 3
207842_s_at	gb:NM 007359.1 /DEF=Homo sapiens NIN51 protein (NIN51), mRNA. /FEA-mRNA /GEN-MIN51 /PROD-MIN51 protein / DB XREF-g1:6678887 /UG-Hs.83422 MIN51 protein /FL-qb:NM 007359.1
217788_s_at	<pre>gb:NM 004481.2 /DEF=Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 [GalNAc-T2] (GALNY2], mRNA. /FEA=mRNA /GEN=GALNY2 /PROD=polypeptide N-acetylgalactosaminyltransferase 2 / DB_XREF=qi:9945385 /UG=Hs.130181 UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 [GalNAc-T2] /FL=cD:NN 004481.</pre>
48612_at	0:nc25b01.
212689_s_at	Consensus includes gb:AA524505 /FEA=EST /DB_XREF=g1:2265433 /DB_XREF=est:ng43g12.s1 /CLONE=IMAGE:937606 / UG-Hs.321707 KIAA0742 protein

222047_s_at	Consensus includes gb:AIS23895 /FERA=EST /DB_XREF=g1:4438030 /DB_XREF=est:tg97g03.x1 /CLONE=IMAGE:2116756 / UG-Hs.111801 arsenate resistance protein ARS2
201666_at	omo sapiens tissue inhibitor of metalloproteinase 1 (erythroi RNA. /FEA-mRNA /GEN-TIMP1 /PROD-tissue inhibitor of metallop G-Hs.5831 tissue inhibitor of metalloproteinase 1 (erythroid 00866.1 gb:M12670.1 gb:M59906.1 gb:NM 003254.1
203218_at	< I
213118_at	lomo sapiens r otein /DB XR
201057_s_at	<pre>gb:NM 004487.1 /DEE=Homo sapiens golgi autoantigen, golgin subfamily b, macrogolgin (with transmembrane signal), 1 (GOLGB1), mRNR.</pre>
217738_at	Consensus includes gb:BF575514 /FEA-EST /DB XREF-g1:11649318 /DB XREF-est:602133090F1 /CLONE-INAGE:4288079 / UG-Hs.239138 pre-B-cell colony-enhancing factor /FL-gb:U02020.1 gb:RM 005746.1
208648_at	:W60953 /FEA=EST / DB XREF=01:136 / 31 / DB XREF=68:12C98D12.51 / CLONE=INAGE:33910/ / containing protein /FI=qb:AF100752:1.qb:NM 007126.2
212242_at	0:AL565074 /FEA-EST /DB XREF=g1:1291608/ /DB_XREF=est:AL565074 /CL alpha 1 (testis specific)
203897_at	EA=EST /DB_XREF=g1:11766863 /DB_X A-211C6.1 /FL=gb:NM 020424.1
209513_s_at	<pre>Similar to RIKEN cDNA 2610207116 gene, clone MGC:10940, mRNA, complete cds. / cDNA 2610207116 gene /DB_XREF=g1:13279253 /UG=Hs:47986 Homo sapiens, gene, clone MGC:10940, mRNA, complete cds /FL=gb:BC004331.1</pre>
211762_s_at	mo sapiens, karyopherin alpha 2 (RAG cohort 1, importin alpha 1), clone MGC: herin alpha 2 (RAG cohort 1, importinalpha 1) /DB XREF-gi:13543656 /FL-gb:BC
219639_x_at	omo sapiens pothetical r 6 /FL-gb:NM
217882_at	sapiens 30 kDa protein (10C55831), mRNA. /FEA-mRNA /GEN-LOC55831 /FROD-30 kDa prot 283714 30 kDa protein /FL-gb:AF157321:1 gb:NM 018447.1
204714_s_at	sapiens V precurs 3967.1 gb:
221547_at	mo sapiens, pre-mRNA splicing factor similar NA /PROD-pre-mRNA splicing factor similar to processing factor 18 /FL-qb:BC000794.1 gb:U5
210793_s_at	gb:U41815.1 /DEF=Human nucleoporin 98 (NUP98) mRNA, complete cds. /FEA=mRNA /GEN-NUP98 /PROD=nucleoporin 98 / DB XREF-gi:1184172 /UG-Hs.112255 nucleoporin 98kD /FL-gb:U41815.1
206207_at	gb:MM 001828.3 /DEF=Homo sapiens Charot-Leyden crystal protein (CLC), mRNA. /FEA=mRNA /GEN=CLC / PROD=Charot-Leyden crystal protein /DB_XREF=gi:6325464 /UG=Hs.889 Charot-Leyden crystal protein / FL=gb:L01664.1 gb:NM 001828.3
202595_s_at	nno sapiens HSPC112 mRNA, complete cds. /FEA-mRNA /PROD-HSPC112 /DB_XREF=gi:68 cceptor overlapping transcript-like 1 /FL=gb:BC000642.1 gb:AF063605.1 gb:AF161
219434_at	lomo sapiens triggering receptor expressed on myeloid cells 1 (TREM1 vtor expressed on myeloid cells1 /DB XREF=g1:8924261 /UG=Hs.283022 tb:AF196329.1 gb:NM 018643:1 gb:AF287008.1
205020_s_at	<pre>lomo sapiens ADP-ribosylation factor-like 4 (ARL4), mRNA, /FEA=mRNA /GE 1 factor-like 4 /DB_XREF=g1:5031602 /UG=Hs.201672 ADF-ribosylation fact 005738.1</pre>
212052_s_at	Consensus includes gb:AB014576.1 /DEF-Homo sapiens mRNA for KIAA0676 protein, partial cds. /FEA-mRNA / GEN-KIAA0676 /PROD-KIAA0676 protein /DB XREF-gi:3327165 /UG-Hs.155829 KIAA0676 protein

202565_s_at	gb:NM_003174.2 /DEF=Homo sapiens supervillin (SVIL), transcript variant 1, mRNA. /FEA=mRNA /GEN=SVIL / PROD=supervillin, isoform 1 /DB XREF=gi:11496980 /UG=Hs.154567 supervillin /FL=gb:NM 003174.2 qb:AF051850.1 qb:AF051851.1
221524_s_at	omplete cds. /FEA=mRNA /PROD-Rag D /DB_XREF=gi:17 gb:AF272036.1 gb:BC003088.1
218037_at	gb:NM 024293.1 /DEF=Homo sapiens hypothetical protein MGC3035 (MGC3035), mRNA. /FER=mRNA /GEN=MGC3035 / PROD=hypothetical protein MGC3035 /DB XREF=gi:13236511 /UG=Hs.22412 hypothetical protein MGC3035 / FL-gb:AL136758.1 gb:BC002420.1 gb:NM 024293.1
214107_x_at	Consensus includes gb:AW340850 /FEA=EST /DB XREF=g1:6837476 /DB XREF=est:xr31f01.x1 /CLONE=THAGE:2761753 /UG=Hs.326350 Homo sapiens cDNA FLJ11822 fis, clone HEMBAI006485, highly similar to PUROMYCIN-SENSITIVE ANINOPEPTIDASE (EC 3.4.11)
210184_at	/DEF-H.sapiens leukocyte adhesion glycol 87829 /UG-Hs.51077 integrin, alpha X (a
209107_x_at	Hin-2) mRNA, complete cds. /FEA-mRNA /GEN-Hin-2 ptor coactivator 1 /FL-gb:U19179.1
208749_x_at	gb:AF085357.1 / DEF-Homo sapiens flotillin mRNA, complete cds. /FEA-mRNA /PROD-flotillin /DB_XREF-g1:5114048 / UG-Hs.179986 flotillin 1 /FL-gb:BC001146.1 gb:AF085357.1 gb:AF089750.2 gb:NM 005803.2
212561_at	Consensus includes gb:AA349595 /FEA-EST /DB_XREF-gi:2001934 /DB_XREF-est:EST56429 /UG-Hs.26797 KIAA1091 protein
212470_at	Consensus includes gb:AB011088.1 /DEE-Homo sapiens mRNA for KIAA0516 protein, partial cds. /FEA-mRNA /GEN-KIAA0516 / PROD-KIAA0516 protein /DB XREF-gi:3043555 /UG-Hs.129872 sperm associated antigen 9
214937_x_at	Consensus includes gb:AI924817 /FEA=EST /DB_XREF=qi:5660781 /DB_XREF=est:wn23cll.xl /CLONE=TMAGE:2446292 / UG=Hs.75737 pericentriolar material 1
201783_s_at	175.1 /DEF=Homo sapiens v-rel avian reticuloendo t polypeptide gene enhancer in B-cells 3 (p65)) avian reticuloendothelissis viral oncogenehom
	B-Cells 3 (pb)) / UB_XKEr=g1:11496238 /UG≈Ks./5569 v-rel avian reticuloendothellosis viral oncogene homolog A {(nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 (p65)) /FL=qb:NM 021975.1 qb:L19067.1
202010_s_at	gb:NM 021188.1 /DEF-Homo sapiens clones 23667 and 23775 zinc finger protein (LOCS7862), mRNA. /FEA-mRNA /GEN-LOC57862 / PROD-clones 23667 and 23775 zinc finger protein /DB_XREF-gi:10863994 /UG-Hs.7137 clones 23667 and 23775 zinc finger protein / FL-gb:NM 021188.1 gb:U90919.1
201601_r_at	gb:NM 003641.1 /DEF-Homo sapiens interferon induced transmembrane protein 1 (9-27) (IFITM1), mRNA. /FEA-mRNA /GEN-IFITM1 / PROD-interferon induced transmembrane protein 1(9-27) /DB XREF-gi:4504580 /UG-Hs.146360 interferon induced transmembrane protein 1 (9-27) /FL-gb:BC000897.1 gb:J04164.1 gb:NM 003641.1
203266_s_at	gb:NM 003010.1 /DEF-Homo sapiens mitogen-activated protein kinase kinase 4 (NAP2K4), mRNA. /FFA-mRNA /GEN-NAP2K4 / PROD-mitogen-activated protein kinase kinase 4 /DB XREF-gi:4506888 /UG-Hs.75217 mitogen-activated protein kinase kinase 4 / FL-gb:NM 003010.1 gb:L36870.1 gb:U17743.1
219863_at	
212322_at	AEF-est:7h15b02.x1 /CLONE=IMAGE:3316011./
204206_at	gb;NM 020310.1 /DEF=Homo sapiens MAX binding protein (MNT), mRNA, /EEA=mRNA, /GEN=MNT /PROD=MAX binding protein / DB XREF=qi:9945317 /UG=Hs.25497 MAX binding protein /FI=qb:NM 020310.1
203278_s_at	gb:NM 016621.1 /DEF-Homo sapiens hypothetical protein (LOC51317), mRNA. /FEA-mRNA /GEN-LOC51317 / PROD-hypothetical protein /DB XREF-gi:7706159 /UG-Hs.106826 KIAA1696 protein /FL-gb:AF208848.1 gb:NM 016621.1
206637_at	KIAA0001 gene /FEA-mRNA / -glucose /DB .tor for UDP-g
218924_s_at	gb:NM_004388.1 /DEF=Homo sapiens chitobiase, di-N-acetyl- (CTBS), mRNA, /EEN=mRNA /GEN=CTBS /PROD=chitobiase, di-N-acetyl- /DB XREF=gi:4758091 /UG-Hs.135578 chitobiase, di-N-acetyl- /FL=gb:M95767.1 gb:NM 004388.1

Table 3: Genes from Cluster Analysis 3

Affymetrix	Description of the sequence in the GeneBank data base
internal	
designation	Cluster Incl. AL021977:bK447C4.1 (novel NAFF (v-maf musculoaponeurotic fibrosarcoma (avian) oncogene family, protein F)
28 11,00	protein) /cds=(0,494) /gb=ALO21977 /gi=4914526 /ug=Hs.51305 /len=2128
210845_s_at	gb:U08039.1 / DEF-numain dioxinos of FEF-gi:517197 /UG-Hs.179657 plasminogen activator, urokinase receptor /FL-gb:U08399.1 plasminogen activator receptor /DB XREF-gi:517197 /UG-Hs.179657 /NB XREF-act:w/22000 x1 /CLONE-INAGE:2391026 /UG-Hs.211600 tumor
202643_s_at	Consensus includes gb:Al738896 /EEA-EST / DB ARKF94:31009/ / DB ARKF94:31009/ / DB ARKF94:306290.11 DB ARKF94:31 DB ARKF94
205476_at	*Homo sapiens small inducible cytokine subidmily A (cys-cys), member 20
	cytoking subfamily A (Cys-Cys), member L/ Firedictory in the production of the coupled receptor) (EBI2),
205419_at	gb:NM 004951.1 /DEFENOMO Sapiens Epstein Darr virus induced gene 2(lymphocyte-specific G protein-coupled receptor) / mRNA. /FEA-mRNA /GEN-EBI2 /PROD-Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor) / DB XREF-gi:4826705 /UG-Hs.784 Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor)
209795 at	FL-gb:LO8177.1 gb:NM 000951.1 qb:L07555.1 /DEF-Homo sapiens early activation antigen CD69 mRNA, complete cds. /FEA-mRNA /PROD-early activation antigen CD69 /
	DB XREE-gi:291897 /UG-Hs.82401 CD69 antigen (pb0, early I-Cell activation antigen / F. 3000 John Step John Ste
205767_at	gb:NN 001432.1 / DEF - Number 3 1 1 1 1 1 1 1 1 1
203821_at	9b:NN_001945.1 /DEF-Homo sapiens diphtheria toxin receptor (heparin-binding epidermal growth factor) / mRNA. (FEA=mRNA /GEN=DTR /FROD-diphtheria toxin receptor (heparin-bindingepidermal growth factor-like growth factor) / mBNA. (FEA=mRNA /GEN=DTR /FROD-diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor) /
	FL-gb:M60278.1 gb:NM 001945.1
211924_s_at	gb:AYUZ9180.1 / DEE=NOND Septems Society and activator receptorprecursor /DB XREF=g1:13641308 /FL=gb:AY029180.1 FEA=CDS /GEN=SUPAR /FROD=soluble urokinase plasminogen activator receptorprecursor /DB XREF=g1:13641308 /FL=gb:AY029180.1 FEA=CDS /GEN=GNA /GEN=T1/R2
205403_at	<pre>gp.NM 004633.1 /DEF-Homo sapiens interleukin 1 receptor, type 11 (111K2), mkNa. /ren-mkna /con-111K</pre> /PROD-interleukin 1 receptor, type II /DB_KREF-g1:4758597 /UG-Hs.25333 interleukin 1 receptor, type II
204351_at	/FLE-gb:U/4649.1 gp:nn ovacas: gb:NN 005980.1. DEE-Hono sapiens S100 calcium-binding protein P (S100P), mRNA. /FEA-mRNA /GEN-S100P /PROD-S100 calcium-binding gb:NN 005980.1. OBE-Hono sapiens S100 calcium-binding protein P /FLE-gb:NM 005980.1
206115 at	protein P / UB XRE-91:31/402 / OG 13:17 GENT PROPERTY JUNE
204103_at	DB XREF-g1:4/58251 /UG-HS: 4000 GAILY 910WCHI TESPONOON (IN TAXABLE MID-1D) (SCYA4), MRNA. /FEA-MRNA / SD:NN 002984:10 /DEE-HOMO Spains Small inducible cytokine A4 (homologous to mouse Mip-1D) /DB XREF-g1:4506844 /UG-HS:75103 Small inducible
	GEN-SCIA4 / FROM-SMAIL INCLUSION OF THE SET
206522_at	gb:NM 004668.1 /DEF=Nomo sapiens maltass-glucoamylase (alpha-glucosidase) (Nawy), maken per
202147_s_at	Fig. 90:1550.1 /DEF-Home sapiens interferon-related developmental regulator 1 (IFRD1), mRNA. /FEA-mRNA /GEN-IFRD1 / gb:NN 001550.1 /DEF-Home sapiens interferon-related 1/DB_XREF-gi:4504606 /UG-Hs.7879 interferon-related developmental regulator 1 /DB_XREF-gi:4504606 /UG-Hs.7879 interferon-related developmental regulator 1 /DB_XREF-gi:4504606 /UG-Hs.7879 interferon-related developmental
206515_at	regulator 1 / FL grace appine Cytochrome P450, subfamily IVF, polypeptide 3 (leukotriene B4 omega hydroxylase) (CYP4E3), gb:NN 000896.1 /DEF-Homo sapiens cytochrome P450, subfamily IVF, polypeptide 3 /DB XREF-gi:4503240 /UG-Hs:106242 mRNA. /FEPA-mRNA /GEN-CYP4F3 /PROD-cytochrome P450, subfamily IVF, polypeptide 3 /DB XREF-gi:4503240 /UG-Hs:106240
204614 at	Cytochrome P43U, Subramily 1vr, purpreprine 1 technologies inhibitor, clade B (ovalbumin), member 2 (SERPINB2), mRNA. /
1	FEA-mRNA /GEN-SERVINB2 /PROD-serine (or cysteine) proteinase imminitor, traced (organization)

	UG-Hs.75716 serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2 /FL-gb:J02685.1 gb:J03603.1 gb:M18082.1 gb:NM 002575.1
209959 <u>a</u> t	gb:U12767.1 /DEF-Human mitogen induced nuclear orphan receptor (MINOR) mRNA, complete cds. /FEA-mRNA /GEN-WINOR / PROD-mitogen induced nuclear orphan receptor /DB_XREF-gi:924281 /UG~Hs.80561 nuclear receptor subfamily 4, group A, member 3 /FL-gb:U12767.1
215078_at	Consensus includes gb:ALO50388.1 /DEF-Homo sapiens mRNA, cDNA DKF2p564M2422 (from clone DKF2p564M2422); partial cds. / FEA-mRNA /GEN-DKF2p564M2422 /PROD-hypothetical protein /DB_XREF-g1:4914612 /UG-Hs.306320 Homo sapiens mRNA; cDNA DKF2p564M2422 (from clone DKF2p564M2422); partial cds
201890_at	Consensus includes gb:BE966236 /FEA=EST /DB XREF=g1:11771437 /DB XREF=est:601660172R1 /CLONE=IMAGE:3905920 /UG-Hs.75319 Libonucleotide reductase M2 polypeptide /FL=gb:NM 001034.1
201489_at	sapiens, nerase F
203888 at	gb:NM 000361.1 /DEF=Homo sapiens thrombomodulin (THBD), mRNA. /FEA=mRNA /GEN=THBD /PROD=thrombomodulin /DE_XREF=gi:4507482 / UG=Hs.2030 thrombomodulin /FL=gb:M16552.1 gb:NM 000361.1
218723_s_at	sapiens RGC32 protein (RGC32), mRNA. /F n /FL=qb:AF036549.1 gb:NM 014059.1
206834_at	sa de
205479_s_at	gb:NM 002658.1 /DEF=Homo sapiens plasminogen activator, urokinase (PIAU), mRNA. /FEA-mRNA /GEN=PIAU /PROD-plasminogen activator, replandate /FEA-mRNA /GEN=PIAU /PROD-plasminogen activator, urokinase /FEA-m8176.1 gb:NM 002658.1
202912_at	o sapiens adrenomedullin (ADM), mRNA. /FEA=mRNA /GEN=ADM /PROD=adrenomedulli n /FL=gb:NM 001124.1 gb:D14874.1
208869_s_at	gb:AF087847.1 /DEF=Homo sapiens GABA-A receptor-associated protein like 1 (GABARAPLI) mRNA, complete cds. /FEA-mRNA / GEN-GABARAPLI /PROD-GABA-A receptor-associated protein like 1 /DB XREF-gi:13375570 /UG-Hs.282654 Homo sapiens mRNA; CDNA DKF2p564N1272 (from clone DKF2p564N1272); complete cds /FL-gb:AL136676.1 gb:AF087847.1
202193_at	gb:NM 005569.2 /DEF=Homo sapiens LIM domain kinase 2 (LINK2), transcript variant 2a, mRNA. /FEA-mRNA /GEN-LIMK2 / PROD-LIM domain kinase 2 isoform 2a /DB XREF-gi:8051619 /UG-Hs.278027 LIM domain kinase 2 /FL-qb:D45906.1 qb:NM 005569.2
214696_at	sapiens clone 24659 mRMA sequence. /FEA-mRNA /DE
38037_at	Cluster Incl. M60278:Human heparin-binding EGF-like growth factor mRNA, complete cds /cds=(261,887) /gb=M60278 /gi=183866 / ug=Hs.799 /len=2342
212723_at	K021780.1 /FEA=mRNA
207802_at	
209967_s_at	mRNA for hCREM (cyclic AMP- ICREM-2; hCREM-2 /PROD=hCREN /DB XREF=gi:532036 /UG-Hs.1
210119_at	gb:U73191.1 /DEF-Human inward rectifier potassium channel (Kirl.3), complete cds. /FEA-mRNA /GEN-Kirl.3 /PROD-inward rectifier potassium channel /DB XREF-gi:1765984 /UG-Hs.17287 potassium inwardly-rectifying channel, subfamily J, member 15 / FL-gb:U73191.1 gb:NM 002243.1
203435_s_at	gb:NM 007287.1 /DEF=Homo sapiens membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10) (NME), transcript variant lbis, mRNA. /FEA=mRNA /GEN=AME /PROD=membrane metallo-endopeptidase /DB XREF=gi:6042199 /UG=Hs.1298 membrane membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10) /FL=qb:303179 1 qb:NN 007287 1 qb:NN 007288.1
213515_x_at	1133353 /FEA=EST 1c
209545_s_at	gb:AF064824.1 /DEF=Homo sapiens CARD-containing ICE associated kinase mRNA, complete cds. /FEA=mRNA /PROD=CARD-containing ICE associated kinase /DB XREE=gi:3290171 /UG-Hs.103755 receptor-interacting serine-threonine kinase 2 /FL=gb:BC004553.1 gb:AF07853.1 gb:AF07853.1
212531_at	Consensus includes gb:NM_005564.1 /DEF=Homo sapiens lipocalin 2 (oncogene 24p3) (LCN2), mRNA. /FEA=CDS /GEN=LCN2 / PROD=lipocalin 2 (oncogene 24p3) /DB XREF=gi.5031852 /UG-Hs.204238 lipocalin 2 (oncogene 24p3) /FL=gb:NM 005564.1

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208470_s_at	mo sapiens haptoglobin-related protein (HPR), mRNA. /FEA-CDS /GEN-HPR /PROD-haptoglobin-r G-Hs.328822 haptoglobin-related protein /FL-gb:NM 020995.1
200733_s_at	gb:U48296.1 /DEF=Homo sapiens protein tyrosine phosphatase FTPCAAX1 (hPTPCAAX1) mRNA, complete cds. /FEA=mRNA /GEN-hPTPCAAX1 / PROD-protein tyrosine phosphatase PTPCAAX1 /DB_XREF=gi:1777754 /UG=Hs.227777 protein tyrosine phosphatase type IVA, member 1 / FL=ab:U48296.1 qb:NM 003463.1
211372_s_at	soluble type II interleukin-1 receptor mRNA, complete cds. /FEA-mRNA /PROD-soluble type 188065 /UG-Hs.25333 interleukin 1 receptor, type II /FI-9b:U64094.1
204794_at	gb:NM 004418.2 /DEF=Homo sapiens dual specificity phosphatase 2 (DUSP2), mRNR. /FEA=mRNR /GEN=DUSP2 /PROD=dual specificity phosphatase 2 /DB XREF=gi:12707563 /UG-Hs.1183 dual specificity phosphatase 2 /FL=gb:NM 004418.2 gb:L11329.1
at	gb:NM 000045.2 /DEF-Homo sapiens arginase, liver (ARG1), mRNA. /FEA-mRNA /GEN-ARG1 /PROD-arginase, type I /DB_XREF-gi:10947138 / UG-HS.289057 arginase, liver /FL-gb:NM 000045.2 gb:M14502.1
205239_at	io sapiens amphiregulin (schwannoma-derived growth factor) (AREG), mRNA. /FE kannoma-derived growth factor) /DB_XREF=gi:4502198 /UG-Hs.270833 amphiregulir cgb:NM 001657.1
207094_at	0634.1 /DEF=Homo sapien DB XREF=g1:4504680 /UG=H
200776_s_at	B_XREF=est:AL518328 /CLONE=CS0DA009YK18 (3 p
215009_s_at	192014.1 /DEE=Human clone =Hs 153527 Homo sapiens p
211302_s_at	B_XREF=gi:34712 FL=gb:L20966.1
210512_s_at	gb:AF022375.1 /DEF-Homo sapiens vascular endothelial growth factor mRNA, complete cds. /FEA-mRNA /PROD-vascular endothelial growth factor /DB %REF-g1:3719220 /UG-Hs.73793 vascular endothelial growth factor /FL-gb:M32977.1 gb:AF022375.1 gb:NM 003376.1 gb:AE021221.1 gb:AF091352.1
212577_at	Consensus includes gb:AA868754 /FEA-EST /DB_XREF-g1:2964199 /DB_XREF-est:aL52e09.s1 /CLONE-IMAGE:1409608 /UG-Hs.8118 KIAA0650 protein
214866_at	e plasminogen activator receptor. /FEA-mRNA /PROD-urokinase plasminogen activator, urokinase receptor
219228_at	'C2H2-11ke zinc finger protein (ZNF361), mRNA. /FEA-mRNA /GEN-ZNF361 /I -HS.147644 zinc finger protein 331 /FI-gb:AF251515.2 gb:NM 018555.2 gb
201574_at	1. 55 th
209498 at	X16354.1 /D preprotein /FL-gb:J03
207630_s_at	DMO Sapiens CAMP responsive element modul XREF-q1:4503038 /UG-Hs.155924 CAMP respo
210873 x at	sapiens phorbolin I mRNA, complete cds. /FEA=mRNA /FROD=phorbolin I /DB_XREF=gi:485 apolipoprotein B mRNA editing protein) /FL-qb:U03891.2
204419_x_at	sapiens hemoglobin, gamma G (HBG2), mRNA. /FEA-mRNA /GEN-HBG2 /PROD-hemoglobir. .283108 hemoglobin, gamma G /FL-gb:NM 000184.1
202988_s_at	gb:NN 002922.1 /DER-Homo sapiens regulator of G-protein signalling 1 (RGS1), mRNR. /FEA-mRNA /GEN-RGS1 /FROD-regulator of G-protein signalling 1 /DB XREF-gi:4506514 /UG-Hs.75256 regulator of G-protein signalling 1 /FL-gb:NN 002922.1
209273_s_at	BG387555 /FEA-EST /DB XREF-gi:13281001 GG4276 similar to CG8198 /FL-gb:AF2847
202693_s_at	AN194730 /FEA-EST /DB XREF-gi:6473630 /DB XREF-est:xx43d11.x1 /CLONE=1MAGE:2596469 /UG-HS.90/5 17a (apoptos1s-inducing) /FI-gb:AB011420.1 gb:NM 004760.1
205270_s_at	gb:NM 005565.2 /DEF=Nomo sapiens lymphocyte cytosolic protein 2 (SH2 domain-containing leukocyte protein of 76kD) (LCF2), mRNA. /FER=mRNA /GEN=LCP2 /PROD=lymphocyte cytosolic protein 2 /DB_XREE=gi:7382491 /UG=Hs.2488 lymphocyte cytosolic protein 2 (SH2 domain-containing leukocyte protein of 76kD) /FL=gb:NM 005565.2 gb:U20158.1

14	202284_s_at	sapiens cyclin-dependase inhibitor 1A (p2) 1389.1 gb:BC000275.1
· ·	219471 <u>a</u> t	mo sapiens hypothetical protein FLJ21562 (FLJ21562), mRNA. /FEA=mRNA /GE REF-gi:13376686 /UG-HS.288708 hypothetical protein FLJ21562 /FL=qb:NM 02
	208651_x_at	gb:N58664.1 /DEF=Nomo sapiens CD24 signal transducer mRNA, complete cds. /FEA=mRNA /PROD=signal transducer CD24 / DB XREF=g1:180167 /UG=Hs.286124 CD24 antigen (small cell lung carcinoma cluster 4 antigen) /FL=gb:N58664.1 gb:L33930.1 qb:NM 013230.1
[0]	211434_s_at	9b:AF015524.1 /DEF-Homo sapiens putative chemokine receptor (CRAM-A) mRNA, complete cds. /FEA-mRNA /GEN+CRAM-A / PROD-putative chemokine receptor /DB XREF-q1:3550066 /UG-Hs.302043 chemokine (C-C motif) receptor-11ke 2 /FIa-nb:AF015524 1
102	204285_s_at	1857639 /FEA=EST /DB XREF=gi:5511255 /DB XREF=est:wk95g09.x1 /CLONE=IMAGE:2423200 / -acetate-induced profein 1 /FL=qb:NM 021127.1
<u> </u>	221824_s_at	70170 /FEA=EST /DB_XREF=9 HEP01185
104	219081_at	9b:NM 024668.1 /DEE-Homo sapiens hypothetical protein FLJ20288 (FLJ20288), mRNA. /FEA-mRNA /GEN-FLJ20288 /PROD-hypothetical protein FLJ11979 /DB XREF-g1:13386461 /UG-Hs.84045 hypothetical protein FLJ20288 /FL-cb:BC004457,1 db:NM 024668.1
101	220528_at	ISA238982 /PROD=VNN3 prot
<u></u>	205896_at	gb:NM 003059.1 /DEF-Homo sapiens solute carrier family 22 (organic cation transporter), member 4 (SLC22A4), mRNA. / FER-mRNA /GEN-SLC22A4 /PROD-solute carrier family 22 (organic cationtransporter), member 4 /DB XREF-g1:4507002 / UG-Hs.77239 solute carrier family 22 (organic cation transporter), member 4 /FL-dp:AB007448.1 db:RM 003059.1
	211445_x_at	gb:AF315951.1 /DEF-Homo sapiens FKSG17 (FKSG17) mRNA, complete cds. /FEA-mRNA /GEN-FKSG17 /PROD-FKSG17 /DB_XREF-g1:12276119 / UG-Hs.307057 Homo sapiens FKSG17 (FKSG17) mRNA, complete cds /FL-gb:AF315951.1
	204286_s_at	gb:NM_021127.1 /DEF=Homo sapiens phorbol-12-myristate-13-acetate-induced protein 1 (FMAIFI), mRNA. /FEA=mRNA /GEN=PWAIP1 / PROD=phorbol-12-myristate-13-acetate-induced protein1 /DB_XREF=gi:10863922 /UG=Hs:96 phorbol-12-myristate-13-acetate-induced
	202503_s_at	gb:NH 014736.1 /DEE-Homo sapiens KIAA0101 gene product (KIAA0101), mRNA. /FEA-mRNA /GEN-KIAA0101 /PROD-KIAA0101 gene product / DB XREE-g1:7661905 /UG-Hs.81892 KIAA0101 gene product /FE-qb:D14657.1 qb:NM 014736.1
17.7	211560_s_at	gb:AF130113.1 /DEF-Homo sapiens clone F188929 PR02399 mRNA, complete cds. /FFA-mRNA /PROD-PR02399 /DB_XREF-gi:11493529 / UG-Hs.79103 cytochrome b5 outer mitochondrial membrane precursor /FL-gb:AF130113.1
	209945_s_at	o sapiens, Similar to gl to glycogen synthase ki
	217997_at	Consensus includes gb:AI795908 /FEA-EST /DB XREF=g1:5361371 /DB XREF=est:wh40a05.x1 /CLONE-INAGE:2383184 /UG-Hs.82101 pleckstrin homology-like domain, family A, member 1 /FE-gb:NM 007350.1
	203757_s_at	mo sapiens, carcinoembryonic antigen-r , complete cds. /FEA-mRNA /PROD-carci
		(non-specific cross reacting antigen) /DB_XREF=gi:1347/106 /UG-Hs.73848 carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen) /FL-gb:BCO05008.1 gb:M18216.1 gb:M29541.1 gb:NN 002483.1
	205269_at	:1123251 /FEA-EST /DB XREF-g1:3539017 /DB XREF-est:qa47g03.x1./CL00 cytosolic protein 2 [SH2 domain-containing leukocyte protein of 7
101	219049_at	no sapiens hypothetical protein FLJ11264 (FLJ11264), mRNR. /FER-mRNR /G
114	209396_s_at	glycoprotein 3-like 1 (car
	202637_s_at	Consensus includes gb:AI608725 /FEA-EST /DB XREF=gi:4617892 /DB XREF—est:tw90b01.x1 /CLOME=INAGE:2266921 /UG-Hs.168383 intercellular adhesion molecule 1 (CD54), human rhinovirus receptor /FI=qb:M24283.1 qb:J03132.1 qb:NM 000201.1
:	205557_at	gb:NM 001725.1 /DEF-Homo sapiens bactericidalpermeability-increasing protein (BPI), mRNA. /FEA-mRNA /GEN-BPI /PROD-bactericidalpermeability-increasing proteinprecursor /DB XREF-g1:4502446 /UG-Hs.89535 bactericidalpermeability-increasing protein /FL-qb:AF322588.1 qb:304739 1 qb:NN 001725.1
144	207072_at	to sapiens interleukin 18 receptor accessory protein (IL18RAP), mRNA. /PROD-interleukin 18 receptor accessory protein /DB XREF-gi:4504656 in 18 receptor accessory protein /FL-gb:AF077346.1 gb:NN 003853.1

202498_s_at (FEA=EST /DB_XREF=gi:9792178 /DB_XREF=est:7a2 / 2 (facilitated glucose transporter), membe
218739_at	CGI-58 protein (LOC51099), mRNA, /FEA-mRNA /GEN-LOC51099 /PROD-CGI-58 protein /FL-gb:AF151816.1 gb:NM 016006.1
at at	
200985_s_at	db:NM_000611.1 /DEF=Nomo sapiens CD59 antigen p18-20 (antigen identilied by monocional antibodies 10.345, bule, EJ30, EL32 and G344) (CD59), mRNA. /FER=mRNA /GEN=CD59 /PROD=CD59 antigen p18-20 (antigen identified by monocional antibodies 16.345, EJ30, EJ32, EJ32, EJ32, EJ32, EJ32, EJ32, EJ34, LJ34, EJ34,
206026_s_at	or spinor tumor necrosis factor, alpha-induced protein 6 (TNEAIP6), mRNA. /FEA or necrosis factor, alpha-induced protein 6 /DB XREF-gi:6005905 rosis factor, alpha-induced protein 6 /FL-gb:NM 007115.1
	o sapiens -kinase /
202333_s_at	AA877765 /FEA=EST /DB XREF=g1:2986730 /DB XREF=est:nT061U5.s1 /CLUNE=IMAGE:1161U5/ /UG=HS.811 enzyme E2B (RAD6 homolog) /FI=gb:N74525.1 gb:NM 003337.1
201566_x_at	mRNA for Id-2H, complete cds. /FEA-mRNA /GEN-Id-2H /PROD=Id-2H /DB XREF- ng 2, dominant negative helix-loop-helix protein /FI-gp:M97796.1 gb:NM 0C
44790_s_at	Cluster Incl. AI129310:qc48a05.x1 Homo sapiens cDNA, 3. end /clone=IMAGE-1712816 /clone_end=3 /gb=AI129310 /g1=359/824./ ug-Hs.234923 /len=811
213836_s_at	AM052084 /FEA-EST /DB_XREF*gi:5914443 /DB_XREF-est:wy86f07.xl /CLONE-IMAGE:2555461 /UG-
205027_s_at	05204.1 /DEF-Homo sapiens mitogen-activated protein kinase kinase kinase 8 (MA togen-activated protein kinase kinase kinase8 /DB_XREF-gi:4885146 /UG-Hs.248 m 8./EL-ab:D14497.1 ab:NM 005204.1
207329_at	omo sapiens matrix metalloproteinase 8 (neutrophil collagenase) (MMP8), mRNA. /PROD-matrix metalloproteinase 8 préproprotein /DB_XREF-g1:4505220 etalloproteinase 8 (neutrophil collagenase) /FL-gb:J05556.1 gb:NM 002424.1
217996_at	. PA576961 /FEA-EST /DB_XREF=g1:2354435 /DB_XREF-est:nm82d08.s1 /CLONE-IMAGE:1074/3 ike domain, family A, member 1 /FL-qb:NN 007350.1
208632_at	DB_XREF=est:AL578551 /CLONE=CSUDKOU1YGU1 (3
206851_at	RNase A family, 3 (eosinophil cationic protein) (RNASE3), A family, 3 (eosinophilcationic protein) /DB XREF=gi:45065 osinophil cationic protein) /EL=gb:NM 002935.I gb:M28128.1
203434_s_at	AI433463 /FEA=EST /DB_XREF=gi:4289355 /DB_XREF=est:ti65g11.xl /CLONE=IMAGE:2136937 /UG=Hs.1298 (neutral endopeptidase, enkephalinase, CALLA, CD10) /FL=qb:J03779.1 gp:NM 0072881 gb:NM 007288
216236_s_at	om clone DKrzpob4kip/2/; partial cos. /F lute carrier family 2 (facilitated glucos
206342_x_at	/FEA-mR ter syndr
201329_s_at	pb:NN 005239.1 /DEE-Homo sapiens v-ets avian erythroblastosis virus E26 oncogene homolog 2 (E752), mRNA. /FEA-mRNA./GEN-E752 / PROD-v-ets avian erythroblastosis virus E26 oncogenehomolog 2 /DB_XREE-g1:4885220 /UG-Hs.35146 v-ets avian erythroblastosis virus E26 oncogene homolog 2 /FL-gb:J04102.1 gb:NM 005239.1
200731_s_at	1485 / DB XREF=est:xf43a12.x1 /CLONE=IMPGE:2620/98 /UG=HS.2 gb:NM 003463.1
212508_at	Consensus includes gb:AK024029.1 /DEE-Homo sapiens cDNA FLJ1396/ fis, clone Y/9AA1001402, weakly similar to Homo sapiens paraneoplastic cancer-testis-brain antigen (MA4) mRNA. /FEA-mRNA /DB XREF-gi:10436287 /UG-Hs.24719 modulator of apoptosis 1 /

	EL=gb:AF305550.1 gb:NM_022151.1	
208868_s_at	Consensus includes gb:BF125756 /FEA-EST /DB XREE-gi:1096479 sapiens mRNA; cDNA DKF2p564N1272 (from clone DKF2p564N1272)	/DB_XREF=gi:10964796 /DB_XREF=est:601763146F1 /CLONE=IMAGE:4026010 /UG=Hs.282654 Homo :lone DKF2p564N1272); complete cds /FL-qb:AL136676.1 qb:AF087847.1
204054_at	gb:NM 000314.1 /DEF-Homo sapiens phosphatase and tensin homolog (mutated in multiple /FER-mRNA /GEN-FTEN /PROD-phosphatase and tensin homolog (mutated inmultiple advance //UG-Hs. 10712 phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	n homol og (mut n multi
212262_at	/rrr-quivozaturi gurozaozii qurogatoori gorma voozatii Consensus includes gb:AA149639 /FEA-EST / DB XREF-egi:1720440 /DB XREF-est:2139c06.s1 monse qualino OXI (KH domain RNA binding profesio) /Filach.AF142419 1 ob.AF14242	720440 /DB_XREF=est:z139c06.s1 /CLONE=IMAGE:504298 /UG=Hs.15020 homolog of
208785_s_at	:BE893893 /	FEA-EST /DB XREF=g1:10355716 /DB XREF=est:601436260F1 /CLONE-IMAGE:3921446 /UG=Hs.121849 1ALB 14oht chain 3 /FI-chb:AF503888 1 qb:NN 022818.2 qb:AF183417.1
218660_at	gb:NM 003494.1 /DEF-Homo sapiens dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive) GEN-DYSF /PROD-dysferlin /DB XREF-gi:4503430 /UG-Hs.143897 dysferlin, limb girdle muscular dystroph FL-ab:AF075575.1 qb:NM 003494.1	le muscular dystrophy 2B (autosomal recessive) (DYSF), mRNA. /FEA-mRNA / 43897 dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive) /
221920_s_at	Consensus includes gb:BE677761 /FEA=EST /DB_XREF=gl:1 /UG=Hs.300496 mitochondrial solute carrier	/FEA-EST /DB_XREF=g1:10038376 /DB_XREF=est:7£59h05.x1 /CLONE=IMAGE:3299001 lute carrier
211982_x_at	Consensus includes gb:AL546600 /FEA=EST /DB_XREF=g1:1 /UG-Hs.70500 KIAA0370 protein	AL546600 /FEA-EST /DB_XREF=g1:12879872 /DB_XREF=est:AL546600 /CLONE-CSODIO29YA23 (3 prime)
218647_s_at	gb:NM 024640.1 /DEF=Homo sapiens hypothetical protein FL323476 (FL323476), PROD-hypothetical protein FL323476 /DB XREF-qi:13375875 /UG-Hs.46736 hypoth	ELJ23476 (FLJ23476), mRNA, /FEA-mRNA /GEN-FLJ23476 75 /UG-Hs.46736 hypothetical protein FLJ23476 /FL-qb:NA 024640.1
206571_s_at	<pre>gb:NN 004834.1 /DEF=Homo sapiens mitogen-activated protein kinase ki /FEA=mRNN /GEN=MAP4K4 /PROD=mitogen-activated protein kinase kinase //OG-Hs.3628 mitogen-activated protein kinase kinase kinase 4</pre>	gb:NM_004834.1 /DEF-Homo sapiens mitogen-activated protein kinase kinase kinase kinase 4 (MAP4K4), mRNA. /FERA-mRNA /GEN-MAP4K4 /PROD-mitogen-activated protein kinase kinase kinasekinase 4 /DB KREF-gi:4758523 /UG-Hs.3628 mitogen-activated protein kinase kinase kinase kinase 4 /FL-qb:AF096300.1 ob:NM_004834.1
218332_at	gb:NN 018476.1 /DEF-Womo sapiens uncharacterized hypothala PROD-uncharacterized hypothalamus protein HBEX2 /DB XREF-9 FL-gb:AF220189.1 gb:NM 018476.1 gb:AF183416.1 gb:AF237783.	mus protei 1:8923715 1
207113_s_at	<pre>gb:NM 000594.1 /DEF=Homo sapiens tumor necrosis factor (TNF PROD=tumor necrosis factor (cachectin) /DB_XREF=g1:10835154 FL=cb:NM 000594.1</pre>	r (INF superfamily, member 2) (INF), mRNA. /FEA-mRNA /GEN-TNF / 835154 /UG-Hs.241570 tumor necrosis factor (INF superfamily, member 2) /
209388_at	F-Homo sapiens, imilar to poly	Similar to poly (A) polymerase, clone NGC:5378, mRNA, complete cds. (A) polymerase /DB XREF-qi:12654216 /UG-Hs.49007 poly(A) polymerase alpha /FL-cd:BC000927.1
207610_s_at	9b:NM 013447.1 /DEF-Homo saplens egf-like module control /FEA-mRNA /GEN-ENR2 /PROD-egf-like module containing /UG-HS.137354 egf-like module containing, mucin-like,	9b:NM_013447.1 /DEE-Homo sapiens egf-like module containing, mucin-like, hormone receptor-like sequence 2 (EMR2), mRNA. /FER-mRNA /GEN-EMR2 /PROD-egf-like module containing, mucin-like, hormonereceptor-like sequence 2 /DB XREF-gi:7355024 /UG-Hs.137354 egf-like module containing, mucin-like, hormone receptor-like sequence 2 /FI=qp:AF114491.1 qb:NN 013447.1
204258_at	<pre>gb:NN 001270.1 /DEF=Homo sapiens chromodomain helicase DNR binding protein 1 /PROD=chromodomain helicase DNR binding protein 1 /DB_XREF=gi:4557446 /UG=Hs. binding protein 1 /FL=qb:AF006513.1 qb:NN 001270.1</pre>	(CHD1), mP 22670 chrc
200948_at	gb:NM 005439.1 /DEF=Homo sapiens myeloid leukemia factor 2 (HJF2), mRNA. /PROD=myeloid leukemia factor 2 /DB XREF=qi:4885486 /UG=Hs.79026 myeloid /FL=qb:BC000898.1 qb:BC002340.1 qb:U57342.1 qb:AF070539.1 db:NM 005439.1	tor 2 (MLF2), mRNA, /FEA-mRNA /GEN-MLF2 UG-Hs.79026 myeloid leukemia factor 2 39.1 db:NM 005439.1
211506_s_at	9b:AF043337.1 /DEF=Homo saplens interleukin 8 C-termi /GEN=IL8 /PROD=interleukin 8 C-terminal variant /DB X	no sapiens interleukin 8 C-terminal variant (IL8) mRNA, complete cds. /FEA=mRNA eukin 8 C-terminal variant /DB XREF=g1:12641914 /UG=Hs.624 interleukin 8 /FL=qb:AF043337.1
217966_s_at	gb:NM 022083.1 /DEF=Homo sapiens niban prorein (NIBAN), //DB ÄREF=gi:11545796 /UG-Hs.48778 niban protein /FL-gb	mo sapiens niban procein (NIBAN), mRNA. /FEA-mRNA /GEN-NIBAN /PROD-niban procein /UG-Hs.48778 niban procein /FL-gb:AB050477.1 gb:NM 022083.1 gb:AF288391.1
214151_s_at	Consensus includes gb:AU144243 /FEA=EST /DB XREE=gi:11005764 /DB_XREF=est:AU144243 /UG-Hs.247118 phosphatidylinositol glycan, class B	1005764 /DB_XREF=est:AU144243 /CLONE=HEMBA1001328
211810_s_at	<pre>gb:D25284.1 /DEF=Human mRNA for alternative spliced product /FEA=CDS /PROD=alternative spliced product of galactocerebrosidase /DB XREF=qi:457445 /UG=Hs.27</pre>	3b:D25284.1 /DEF-Human mRNA for alternative spliced product of galactocerebrosidase, complete cds. /FEA-CDS /PROD-alternative spliced product of galactocerebrosidase /DB XREF-g1:457445 /UG-Hs.273 galactosylceramidase (Krabbe disease) /FL-gb:D25284.1
207890_s_at	gb:NM 022718.1 /DEF-Homo sapiens matrix metalloproteinase 25 (MMP25), transcrip /GEN-MMP25 /PROD-matrix metalloproteinase 25 preproprotein /DB_XREF-gi:13027808 /UG-Hs.198265 matrix metalloproteinase 25 /FL-gb:NM 022718.1	nase 25 (MMP25), transcript variant 2, mRNA. /FEA-mRNA otein /DB_XREF-gi:13027808 22718.1

<u></u>	37028_at	ein (GADD34)
16	0446_at	21. AL021366:cICK07210.4.1 (PHD finger protein 2) (1soform 2) /cds=(215
21	219062_s_at	^ 립
<u> </u>	202158_s_at	gb:NM 006561.1 /DEF-Homo sapiens CUG triplet repeat; RNA-binding protein 2 (CUGBP2), mkNA. /rtx-mkNA /utx-CucbP2 /PROD-CUG triplet repeat, RNA-binding protein 2 /DB_XREF-g1:5729815 /UG-Hs.211610 CUG triplet repeat, RNA-binding protein 2 /FL-gb:U69546.1 gb:AF036956.1 gb:AF03694.1 gb:NM 006561.1
<u> 16</u>	60084_at	9:tj6lell.xl Homo sapiens c 668 /len=554
12	210142_x_at	o sapiens flotillin mRNA, complete cds. /FEA-mRNA /PROD-flotillin /DB_XREF-gi: n 1 /FL-gb:AF117234.1
5	204490_s_at	gb:N24915.1 /DEF=Human CDw44 antigen, complete cds. /FEA-mRNH /DB XREF=g1:180196 /UG-Hs.169610 CD44 antigen (homing function and Indian blood group system) /FL=gb:NN 000610.1 gb:N40373.1 gb:N59040.1 gb:N29415.1.
<u> </u>	203949_at	gb:NM_000250.1 /DEF=Nomo sapiens myeloperoxidase (MPO), nuclear gene encoding mitochondrial protein, mww. /FER=mRNA /GEN=NPO /PROD=myeloperoxidase /DB_XREF=gi:4557758 /UG=Hs.1817 myeloperoxidase /FL=gb:MJ9507.1 ob:JO2694.1 ob:NM-000250.1
<u>livi</u>	219259 at	gb:NM 022367.1 /DEF-Homo sapiens hypothetical protein FLJ12287 similar to semaphorins (FLJ12287), mRNA. /FEF-mRNA /GEN-ELJ12287 /PROD-hypothetical protein FLJ12287 similar tosemaphorins /DB XREF-gi:11641290 //// Pro-us 1834 hypothetical protein FLJ12287 similar to semaphorins /FL-db:NM 022367.1 gb:AB029394.1
10	201751_at	e g
161	203153_at	/DEF=Homc =IFIT1 /PF nterferon-
<u>lei</u>	210724_at	o sapiens EGF-like module-containing mucin-like receptor EMR3 mRNA, comp ke module-containing mucin-like receptorEMR3 /DB_XREF=gi:13183148 iens EGF-like module-containing mucin-like receptor EMR3 mRNA, complete
<u>lci</u>	202381_at	gb:NN 003816.1 /DEF-Homo sapiens a disintegrin and metalloproteinase domain 9 (meltrin gamma) (ADAM9), mRNA. /FERA-mRNA /GEN-ADAM9 /PROD-a disintegrin and metalloproteinase domain 9preproprotein /DB XRRF-01:4501914
101	217824_at	
	200984_s_at	1ដដូ
<u> </u>	219999_at	mmo sapiens hypothetical protein PRO2198 (PRO2198), mRNA. /FEA-mRNA /GEN-PRO21 hein PRO2198 /DB_XREF-gl:8924129 /UG-Hs.116459 hypothetical protein PRO2198 PM 018621.1
101	12644_s_at	Consensus includes gb:AI671747 /FEA-ESI /DB XREF-q1:4851478 /DB XREF-est:wa05e06.x1 /CLONE-IMAG5:2297218 /UG-Hs.81360 Homo sapiens cDNA: FLJ21927 fis, clone HEP04178, highly similar to HSU90909 Human clone 23722 mRNA sequence
101	219622_at	omo sapiens hypothetical protein FLJ20429 (FLJ20429), mKNA. /FEA=mKNA. otein FLJ20429 /DB XREF=gi:8923400 /UG-Hs.179791 hypothetical protein
107	219190_s_at	
10	208707_at	.BE552334 /FEA=EST /DB XREF=g1:9/94026 /DB XREF=eSE:NyUbcUb.x1 /CLUNE= tic translation initiation factor 5 /FL=gb:AL080102 1
	218506_x_at	sapiens uncharacterized bone marrow prot terized bone marrow protein BM045 /DB XR ed bone marrow protein BM045 /FL-gb:AF21
10	207545_s_at	pb:NM 003744.1 /DEF-Homo sapiens numb (Drosophila) homolog (NUMB), mRNA./FEA-mRNA/GEN-NUMB /FKOD-numb (Drosophila) nomolog / DB XREF-gi:4505478 /UG-Hs.78890 numb (Drosophila) homolog /FL-gb:NM 003744.1 gb:L40393.1

212014_x_at	120
209039_x_at	
208650_s_at	BG327863 /FEA=EST /DB_XREE=gi:13134301 /D igen (small cell lung carcinoma cluster 4
209806_at	\ L
212573_at	/DB_XREF=gi
203845_at	Consensus includes gb:AV727449 /FEA=EST /DB XREF=gi:10836870 /DB XREF=est:AV727449 /CLONP=HTCAYG01 /UG-Hs.199061 p300CBP-associated factor /FL=gb:U57317.2 gb:NM 003884.2
215806_x_at	Consensus includes gb:M13231.1 /DEF=Human T-cell receptor aberrantly rearranged gamma-chain mRNA from cell line HPB-MLT. /FEA=mRNA /DB XREF=gi:339168 /UG=Hs.274509 T cell receptor gamma constant 2
202195_s_at	gb:NM 016040.1 /DEF=Homo sapiens CGI-100 protein (LOCS0999), mRNA. /FEA-mRNA /GEN=LOCS0999 /PROD=CGI-100 protein /DB XREF-gi:7705583 /UG=Hs.296155 CGI-100 protein /FL-gb:AF151858.1 gb:NN 016040.1
201912_s_at	9b:NM 002094.1 /DEF=Homo sapiens G1 to S phase transition 1 (GSPT1), mRNA. /FEA=mRNA /GEN=GSPT1 /PROD=G1 to S phase transition 1 /DB XREF-g1:4504166 /UG-Hs.2707 G1 to S phase transition 1 /FL=db:NM 002094.1
201712_s_at	is RAN binding protein XREF=gi:6382078 /UG=1
212864_at	521 EF-
203504_s_at	mo sapiens ATP-binding cassette, sub-family A (ABCI), member 1 (ABCAI), mRNA.
	/remymnum /ocn-mochi /rnou-mir-binding cassette, sub-tamily A member 1 /UB XKEk-agi:591565/ /UG-Hs.211562 ATP-binding cassette, sub-family A (ABCI), member 1 /FL-gb:AFI65281.1 qb:NM 005502.1 qb:AF285167.1
212457_at	*Al161985.1 /DEE-Homo sapiens mRNA; cDNA DKF2p761J1810 (from cl *7328121 /UG-Hs.274184 transcription factor binding to IGHM enh
214683_s_at	Consensus includes gb:AI251890 /FEA=EST /DB_XREF=g1:3848419 /DB_XREF=est:qu78d12.x1 /CLONE=IMAGE:1978199 /uG-Hs.2083 CDC-like kinase1
44783_s_at	Cluster Incl. R61374:yh15e02.s1 Homo saplens cDNA, 3 end /clone=IWAGE-37665 /clone_end=3 /gb=R61374 /gi=832069 /ug=Hs.234434 /len=434
202252_at	gb:NM 002870.1 /DEF=Homo sapiens RABI3, member RAS oncogene family (RABI3), mRNA. /FER=mRNA /GEN=RABI3 /PROD=RABI3, member RAS oncogene family /DB_XREF=gi:4506362 /UG=Hs.151536 RABI3, member RAS oncogene family /FL=gb:BC000799.1 gb:NM 002870.1
206025_s_at	Consensus includes gb:AW188198 /FEA=EST /DB XREF=g1:6462634 /DB XREF=est:x193103.x1 /CLONE=IMAGE:2664797 /UG-Hs.29352 tumor necrosis factor, alpha-Induced protein 6 /FE-gb:NM 007115.1
203936_s_at	gb:NM 00494.1 /DEF-Homo sapiens matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase) (MMMP9), mRNA. /FEA-mRNA /GEN-MMP9 /PROD-matrix metalloproteinase 9 preproprotein /DB XREF-gi:4826835 /UG-Hs.151738 matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase) /FL-cb:305070.1 cb:NM 004994.1
221523_s_at	6 9
*.	eptide-associated complex alpha polype/FEA=mRNA_2 /DB_XREF=g1:889 otein /FL=gb:NM 021244.1 gb:AF272036.1 gb:BC003088.1
215785_s_at	Consensus includes gb:AL161999.1 /DEF-Homo sapiens mRNA; cDNA DKFZp761H087 (from clone DKFZp761H087); partial cds. /FEA-mRNA /GEN-DKFZp761H087 /PROD-hypothetical protein /DB XREF-q1:7328000 /UG-Hs.258503 p53 inducible protein
217822_at	gb:NM_016312.1 /DEF=Homo sapiens Npw38-binding protein NpwBP (LOC51729), mRNA. /FEA=mRNA /GEN=LOC51729 /PROD=Npw38-binding protein NpwBP /PL=qb:BC001621.1 qb:AF118023.1 qb:AB029309.1 qb:NM 016312.1
202206_at	Consensus includes gb:AM450363 /FEA-EST /DB XREF-gi:6991139 /DB XREF-est:UI-H-BI3-akn-d-02-0-UI.s1 /CLONE=IMAGE:2734875 /UG-Hs.111554 ADP-ribosylation factor-like 7 /FL-qb:BC001051.1 gb:AB016811.1 gb:NM 005737.2
202439_s_at	gb:NM 000202.2 /DEF=Homo sapiens iduronate 2-sulfatase (Hunter syndrome) (IDS), transcript variant 1, mRNA. /FEA=mRNA /GEN=IDS /PROD=iduronate-2-sulfatase isoform a precursor /DB XREF=g1:5360215 /UG=Hs.172458 iduronate 2-sulfatase (Hunter syndrome) /FL=gb:N58342.1 gb:NM 000202.2

213056_at	AU1450L9 / FEA=EST / DB_XMEF=G1: 11000340 / DB_AMEF= protein
222142_at	AK024212. 7 mRNA.
214784_x_at	BE966299 , protein
222035_s_at	AI984479 /FEA=EST /DB_XREF=gi:5811756 /DB_XREF=est:v lymerase alpha
212219_at	Consensus includes gb:D38521.1 /DEF=Human mRNA for KIAA0077 gene, partial cds. /FEA=mRNA /GEN=KIAA0077 /DB XREF=gi:559329 /UG=Hs.112396 KIAA0077 protein
214152_at	::AU144243
202948_at	I (ILIRI), mRNA. /FEA=mRNA /GEN=ILIRI /PROD=1r receptor, type I /FL=gb:M27492.1 gb:NM 00087
207978_s_at	gb:NM_006981.1 /DEF=Homo sapiens nuclear receptor subfamily 4, group A, member 3 (NR4A3), mRNA. /FEA-mRNA /GEN-NR4A3 /PROD=nuclear receptor subfamily 4, group A, member 3 /DB_XREF=gi:11276070 /UG=Hs.80561 nuclear receptor subfamily 4,
209304_x_at	gb:AF087853.1 /DEF-Homo sapiens growth arrest and DNA damage inducible protein beta (GADD45B) mRNA, complete cds. GP:AF087853.1 /DEF-Homo sapiens growth arrest and DNA damage inducible proteinbeta /DB XREF-gi:12061050 INCAPATION OF A BROWN ARREST AND DNA-damage-inducible, beta /FL-qb:AF087853.1 gb:AF078077.1.
214783_s_at	3:BG177920 /FEA=EST /DB_XREF=g1:12684623 /DB_XREF=est:602327839F1 /CLONE=IMAGE:44
46270_at	7: DKFZp434N1010_s1 125 /len=841
221760_at	Consensus includes gb:BG287153 /FEA=EST /DB_XREF=gi:13040709 /DB_XREF=est:602381868F1 /CLONE=IMAGE:4499393 //UG-Hs.25253 mannosidase, alpha, class 1A, member 1
210118_s_at	cds. /FEA=mRNA /GEN=ILlA /PROD=interleu 9.1
204781_s_at	omo sapiens tumor necros optosis (APO-1) antigen 4.1 ob:NM 000043.1
207677_s_at	gb.NN 013416.1 /DEF-Homo sapiens neutrophil cytosolic factor 4 (40kD) (NCF4), transcript variant 2, mRNA. /FEA-mRNA /GEN-NCF4 /PROD-neutrophil cytosolic factor 4 (40kD), isoform 2 /DB XREF-gi:7382492 /UG-Hs.196352 neutrophil cytosolic factor 4 (40kD) /FL-gb:BC002798.1 gb:AB025219.1 gb:NN 013416.1
206302_s_at	pb:NM 019094.1 /DEF=Homo sapiens nudix (nucleoside diphosphate linked molety X)-type motif 4 (NUD14), mkNA. / /FER-mRNA /GEN=NUD14 /PROD=nudix (nucleoside diphosphate linked moletyX)-type motif 4 /DB XREF=qi:10800135/UG=Hs.92381 nudix (nucleoside diphosphate linked molety X)-type motif 4 /FL-qp:NM 019094.1 qb:AF191649.1 qb:AF191650.1 qb:AF191653.1
219460_s_at	gb:NM 017849.1 /DEF=Homo sapiens hypothetical protein FLJ20507 (FLJ20507). mRNA. /FEA=RNA /GEN=FLJ2050/ /FKUD=hypothetical protein FLJ20507 /FE=gb:NN 017849.1
212225_at	Consensus includes gb:AL516654 /FEA-EST /DB XREF-gi:12780347 /DB XREF-est:AL516854 /CLONE-CSUDAUO/YEZU (5 PEIME) /UG-H8.150580 putative translation initiation factor
204479_at	omo sapiens /DB XREF=qi:
216457_s_at	<pre>1 /DEF=Homo sapiens cDNA: FL. , subunit 1, 120kD</pre>
212676_at	.AW293356 /FEA=EST /DB_XREF=91:669992 /DB ens cDNA: FLJ23005 fis, clone LNG00396, hi
203675_at	omo sapiens nucleobindin 2 (NUCEZ), mRNA. 7 FEA-MRNA (SENNOUCEZ) /FKUD-HUCLEOBINGIN 2 / DD-A: in 2 /FL-gb:AF052642.1 gb:AF052643.1 gb:AF052644.1 gb:NM 005013.1 /CENL-CDBR / DBCDD-CD11
221156_x_at	db:NNd 004748.1 /DEF-Homo saptens cell cycle progression 8 proclem ("rkB", mkNa. / reh-mkNa / Jen-LTR0 / rkD-LTR0 / rkd
207791_s_at	gb:NM_004161.1 / DEF=Homo Saptens KAPI, memoet KAS Oncogene remark (NADI), makes / Con the control of the contr

	member RAS oncogene family /DB_XREF=g1:4758987 /UG-Hs.3642 RAB1, member RAS oncogene family /FL=gb:NN_004161.1 gb:NZ8209.1
200692_s_at	9b:NM 004134.1 /DEF-Homo sapiens heat shock 70kD protein 9B (mortalin-2) (HSPA9B), mRNA. /FEA=mRNA /GEN-HSPA9B /PROD=heat shock 70kD protein 9B (mortalin-2) /DB_XREF=gi:4758569 /UG=Hs.3069 heat shock 70kD protein 9B (mortalin-2) /FL=gb:BC000478.1 gb:L15189.1 qb:NM 004134.1
218936_s_at	gb:NM 014167.1 /DEF-Homo sapiens HSPC128 protein (HSPC128), mRNA, /FEM-mRNA /GEN-HSPC128 /PROD-HSPC128 protein /DB XREF-gi:7661789 /UG-Hs.90527 HSPC128 protein /FL-qb:AF213377.1 ob:AF161477 1 nb:NM 014167
213931_at	IB19238 /FEA=EST /DB XREF=c
218247_s_at	t el
213935_at	AF001132.1 /DEF-Homo sapiens clone 23551 mRNA sequence.
208815_x_at	1 E 🥆
218177_at	A293502 /FEA-EST /DB XREF-g1:1941036 /DB XREF-est AF281064.1 qb:NM 020412.1
20064B_s_at	gb:NM_002065.1 /DEF-Homo sapiens giutamate-ammonia ligase (glutamine synthase) (GLUL), mRNA. /FEA-mRNA /GEN-GLUL / PROD-ellaminate ammonia ligase (glutamine synthase) / DB XREF-gi:4504026 /UG-Hs.170171
202843_at	o sapiens microvas
214578_s_at	gb:ALO80081.1 gb:RB026908.1 gb:NN 012328.1 882 /FEA-EST /DB_XREF-g1:10285745 /DB_XREF-est:AV683882 /CLONE-GKCAICO5 /UG-Hs.17820
217473 x at	des abine220162 /her-ucmo
; ; ;	
207624 s at	
	ator /DB_XREF=gi:4506580 /UG=Hs.153614 retinitis pigmentosa GTPase regulator / 0328.1
202778_s_at	gb:NM 003453.1 /DEF-Homo sapiens zinc finger protein 198 (ZNF198), mRNA. /FEA-mRNA /GEN-ZNF198 /PROD-zinc finger protein 198 /DB XREF-g1:4508010 /UG-Hs.109526 zinc finger protein 198 /FL-db:AF035374 1 db:AF066181 1 db:NM 003453 1
200653 <u>s</u> at	calmodulin mRNA, complete cds. /FEA=mRNA /PROD=calmodulin /DB_XREF=gi:1
218627_at	o sapiens hypothetic EF=gi:8922957 /UG=Hs
202059_s_at	yopherin alpha 1 (importin alpha 5) (KPNA1), mRNA. /FEP 894 /UG=Hs.169149 karyopherin alpha 1 (importin alpha 5
218132_s_at	gb:NM 024075.1 / DEF-Homo sapiens LENGS protein (LENGS), mRNA. /FEA-mRNA /GEN-LENGS /PROD-LENGS protein / DB XREF-gi:13129061 /UG-Hs.15580 LENGS protein /FL-qb:BC000944.2 db:NN 024075.1
203265_s_at	A810268 /FEA=EST /DB XREI
209694_at	6-pyruvoyltetrahydropterin synthase (PTS) mRNA, complete cds.ropterin synthase /DB_XREF=gi:306438 /UG=Hs.366 6-pyruvoyltetr00317.1 qb:D17400.1
217591_at	F725121 /FEA=EST
222309_at	Consensus includes gb:AW972292 /FEA-EST /DB_XREF-gi:8162138 /DB_XREF-est:EST384381 /UG-Hs.292998 ESTs

201627_s_at	gb:RN 005542.1 /DEF=Homo sapiens insulin induced gene 1 (INSIG1), mRNA. /FEA=mRNA /GEN=INSIG1 / PROD=Insulin induced gene 1 /DB XREF=gi:5031800 /UG=Hs 56205 insulin induced gene 1 /FI=gb:NM 005542.1
217249_x_at	ACO04544 /DEF-Homo sapiens BAC clone CTB-162B4 from 4 /FEA- ens BAC clone CTB-162B4 from 4
220496_at	:EA-mRNA /GEN-LOC51266 / -like receptor-2 /FL-gb:
201096_s_at	:ludes gb:AL537042 /FEA=EST /DB_XREF=g1:12800535 /DB_XREF=est:AL537042 /CLONE=CSODF017YF17 (5 LDP-ribosylation factor 4 /FL=gb:BC003364.1 gb:M36341.1 gb:MM 001660.2
201580_s_at	Consensus includes gb:AL544094 /FEA-EST /DB_XREF-gi:12876573 /DB_XREF-est:AL544094 /CLONE-CS0DI004YG20 (3 prime) / UG-Hs.169358 hypothetical protein /FL-gb:NM 021156.1
201109_s_at	12 /UG-Hs.
203080_s_at	sapiens bromodomain adjacent to zinc finger domain, 2B (BAZ2B), mKNA. /FEA=mKN : to zinc finger domain, 2B /DB_XREF-gi:7304922 /UG-Hs.8383 bromodomain adjacent :5.1 gb:NN 013450.1
202558_s_at	stress chapero
201349_at	gb: Ng 004252.1 / DEE-Homo sapiens solute carrier family 9 (sodiumhydrogen exchanger), isoform 3 regulatory factor 1
-	/GGFMS-LCARAIL / FKND-Solute Carrier family 9 (sodium)ydrogen exchanger), isoform 3 regul ;EC003361.1 qb:AF036241.1 qb:AF015926.1 qb:NN 004252.1
220603_s_at	/FER=mRNA /GEN=FLJ11175 / protein FLJ11175 /FL=gb:NM 01
35820_at	-313158 /ug=Hs.
201731_s_at	Sp.NM 003292.1 /DEF-Homo sapiens translocated promoter region (to activated MET oncogene) (TPR), mRNA. /FEA-mRNA / GEN-TPR /PROD-translocated promoter region (to activated METoncogene) /DB_XREF-gi:4507658 /UG-Hs.169750 translocated normal promoter region (to activated MET oncogene) /FL-gb:NM 003292.1
202414_at	gb:NN 000123.1 /DEF-Homo sapiens excision repair cross-complementing rodent repair deficiency, complementation group 5
	O. U.C. Hs. 48516 excision repair cross-complement gmentosum, complementation group G (Cockayne s
210422 x at	35.150402.1 /DEF-Human mRNA for NRAMF1, complete cds. /FEA-mRNA / PROD-Nramp / DB XREF=g1:1000996 /UG-Hs.182611 solute
	85.1
58900_at	Cluster Incl. AW025284:wu95h10.x1 Homo sapiens CDNA, 3 end /CLone=IMACE-990BUb /CLone_end=3 /gp=AW025284 / q1=5878814 /ug=Hs.237946 /len=454
219890_at	mo sapiens C-type (c -mRNA /GEN-CLECSF5 ,
	(carcium dependent
208112_x_at	ntaining 1 (EHD1), mRNA. /FEA-mRNA / ntaining 1 /FL-gb:AF099011.1 gb:NM 0
218655_s_at	mo sapiens hypothetical protein FLJ20291 (FLJ20291), mRNA. ein FLJ20291 /DB XREF=gi:8923270 /UG=Hs.8928 hypothetical p
214230_at	R37664 /FEA=EST /DB XREF=gi:795120 /DE sion cycle 42 (GTP-binding protein, 23
201898_s_at	Consensus includes gb:AI126625 /FEA=EST /DB XREF=gi:3595139 /DB XREF=est:qdd:A12.x1 /CLONE=1M4GE:1730062 / UG=Hs.80612 ubiquitin-conjugating enzyme E2A (RAD6 homolog) /FL=gb:N74524.1 gb:NM 003336.1

210773_s_at	gb:UB1501.1 /DEF=Human lipoxin A4 receptor mRNA, complete cds. /FEA=mRNA /PROD=lipoxin A4 receptor /DB_XREF=gi:1916075 / UG-Hs.99855 formyl peptide receptor-like 1 /FL=gb:M76672.1 gb:M84562.1 gb:M88107.1 gb:U81501.1 gb:AF054013.1 ab:NN 001462.1
32069_at	Cluster Incl. AB014515: Homo sapiens mRNA for KIAA0615 protein, complete cds /cds=(237,2927) /gb-AB014515 /gi-3327043 / ug-Hs.155972 /len-3319
121_at	X69699 /FEATURE= /DEFINITION=HSPAX8A H.sapiens Pax8 mRNA
202053_s_at	gb:L47162.1 /DEF-Human fatty aldehyde dehydrogenase (FALDH) mRNA, complete cds. /FEA-mRNA /GEN-FALDH /PROD-fatty aldehyde dehydrogenase /DB XREF-gi:1082035 /UG-Hs.159608 aldehyde dehydrogenase 3 family, member A2 /FL-gb:L47162.1 db:U46689.1 db:NN 000382.1
212335_at	NAN 1973 /FEA-EST /DB XREF-g1:6399401 /DB XREF-est:xg56d07.xl /CLONE-IM NRNA sequence, alternatively spliced
209813_x_at	
204747_at	gb:NNJ 001549.1 /DEF-Homo sapiens interferon-induced protein with tetratricopeptide repeats 4 (IFIT4), mRNA. /FEA-mRNA / GEN-IFIT4 /PROD-interferon-induced protein withtetratricopeptide repeats 4 /DB XREF-gi:4504586 /UG-Hs.181874 interferon-induced protein with tetratricopeptide repeats 4 /EL-gb:BC001383.1 gb:BC004977.1 gb:U52513.1 gb:AF026939.1 db:AF038470.1 db:NM 001549.1
212223_at	Consensus includes gb:A1926544 /FEA-EST /DB_XREF-gi:5662508 /DB_XREF-est:wo46c12.x1 /CLONE-IMAGE:2458390 /UG-Hs.303154 popeye protein 3
218880_at	
202460_s_at	nRNA. /FEA-mRNA /GEN-LPIN2 /PROD-lipin 2 /DB_XREF-gi L
58780_s_at	a07.sl Homo sapiens cDNA, 3 end /clc
205281_s_at	
218251_at	gb:NM 021242.1 /DEF=Homo sapiens hypothetical protein STRAIT11499 (STRAIT11499), mRNA. /FEA=mRNA /GEN=STRAIT11499 / PROD=ñypothetical protein STRAIT11499 /DB XREF=g1:10864050 /UG=Hs.236556 hypothetical protein STRAIT11499 /EL-gb:NM 021242.1
212481_s_at	
213292_s_at	FEA=EST /DB_XREF=gi
221497_x_at	o sapiens, chromosome 1 open reading frame 12, clone MGC:12484, mRNA, co ome 1 open reading frame 12 /DB XREF-gi:13529208 /UG-Hs.6523 chromosome 277176.1 gb:NM 022051.1 gb:BC005369:1
212185_x_at	NN 005953.1 /DEF-Homo sapiens metallothionein 2A (MT2A), mRNA. /FEA-CDS /GEN-MT2A / A 7DB XREF-gi:5174763 /UG-Hs.118786 metallothionein 2A /FL-gb:NM 005953.1
203961_at	AL157398 /DEF-Human DNA sequenc the nebulette protein (NEBL, ac FL-gb:NM 006393.1
210986_s_at	iens tropomyosin isoform mRNA, complete n 1 (alpha) /FL-gb:224727.1
41386_i_at	RNA for KIAA0346 gene, partial
201874_at	'978611 /FEA-EST /DB_XREF-gi:12345826 /DB_XREF-est:602149061F1 /CLONE-I . protein FLJ21047 /FL-gb:NM 024569.1
211781_x_at	o sapiens, clone MGC:13219, mRNA, complete cds. /FEA=mRNA /PROD=Unknown (protein for MGC:13 L=gb:BCO06164.1
202459_s_at	Consensus includes gb:U55968 /FEA=EST /DB_XREF=g1;1354524 /DB_XREF=est:HSU55968 /CLONE=26508 /UG=Hs.166318 lipin 2 / FL=gb:D87436.1 gb:NM 014646.1

217908_s_at	NA /GEN=PC326 /PRC 12.1
202427_s_at	omo sapiens DKFZP564B167 protein (DKFZP564B167), mRNA. /FEA-mRNA 661601 /UG-Hs.76285 DKFZP564B167 protein /FL-qb:AL110297.1 gb:NM
213716_s_at	:BF939675 /FEA=EST /DB_XREF=gi:12357086 and transmembrane 1 (SECTM1), mRNA
212550_at	:AI149535 /FEA=EST /DB_XREF=g1:3678004 /DB_ FZp586N1323 (from clone_DKFZp586N1323)
33323_r_at	H.sapiens mRNA (clone 9112) /cds=(165,911) /gb=x57348 /gi=23939 /ug
220947_s_at	iomo sapiens DKF2F434P1750 protein (DKF2P434P1750), mRNA. /FEA-mRNA /GEN-DKF2P434P17 orein /DB XREF-g1:7661587 /UG-Hs.7274 DKF2P434P1750 protein /FL-gp:NM 015527.1
202665 <u>s</u> at	omo sapiens Wiskott-Aldrich syndrome protein interacting protein (WASPIP), mRNA. '-interacting protein /DB_XREF=gi:8400739 /UG=Hs.24143 Wiskott-Aldrich syndrome pr FL=gb:NM 003387.2
220746_s_at	Homo sapiens retinoid x receptor interacting-protein (LOC51720), mRNA. /FEA=mRNA ptor interacting protein /DB_XREF=gi:7706482 /UG=Hs.7889 retinoid x receptor inte NA 016290.1
218078_s_at	domo sapiens DHHC1 protein (LOC51304), mRNA. /FEA-mRNA /GE JG-Hs.14896 DHHC1 protein /FL-gb:AF247703.1 gb:NN 016598.1
203429_s_at	domo sapiens membrane protein CH1 (CH1), mRNA. /FEA=mRNA /GEN=CH1 /PROD=membr UG=Hs.108636 membrane protein CH1 /FL=gb:AF097535.1 gb:NM 016227.1
203120_at	gb:NM 005426.1 /DEF-Homo sapiens tumor protein p53-binding protein, 2 (TP53BP2), mRNR. /FEA-mRNA /GEN-TP53BP2 / PROD-Tumor protein p53-binding protein, 2 /DB_XREF-gi:4885642 /UG-Hs.44585 tumor protein p53-binding protein, 2 /FL-gb:U58334.1 gb:NM 005426.1
203143_s_at	Consensus includes gb:T79953 /FEA=EST /DB_XREF=g1:698462 /DB_XREF=est:yd85c11.s1 /CLONE=IMAGE:115028 /UG=Hs.158282 KIAA0040 gene product /FL=gb:D25539.1 gb:NM 014656.1
41387_r_at	mRNA for KIAA0346 gene, partial cds /cds=(0,4852) /gb=AB00233
202286_s_at	152 /DEF-Human gastrointestinal tumor-associated antigen GA733-1 protein gene, complet XREF-gi:182893 /UG-Hs.23582 tumor-associated calcium signal transducer 2 /EL-gb:NM 0
200670_at	
211612_s_at	ın interleukin-13 receptor mRNA, complete cds. /FEA-mRNA /PROD-interleukin-13 receptor / TL-gb:UG2858.1
203233_at	sapiens interleukin 4 receptor (IL4R), mRNA. /FEA=mRNA /GEN-IL4R /PROD=int 7668 /UG=Hs.75545 interleukin 4 receptor /FL=gb:NM 000418.1
204507_s_at	<pre>db:NN 000945.1 / DEF-Homo sapiens protein phosphatase 3 (formerly 2B), regulatory subunit B (19KD), alpha isoform (calcineurin B, type I) (PFP3R1), mRNA. /FEA-MRNA /GEN-PEPP3R1 /PROD-protein phosphatase 3 (formerly 2B), regulatorysubunit B (19KD), alpha isoform (calcineurin B, type I) /DB XREF-gi:4506024 /UG-Hs. 278540 protein phosphatase 3 (formerly 2B), regulatory subunit B (19KD), alpha isoform (calcineurin B, type I) /FL-gb:N30773.1 gp:NM 000945.1</pre>
218136_s_at	Homo sapiens mitochondrial solute carrier (LOC51312), mRNA. KREF-gi:8924027 /UG-Hs.300496 mitochondrial solute carrier /
201582_at	Consensus includes gb:AL121900 /DEF-Human DNA sequence from clone RP11-31905 on chromosome 20 Contains the last exon of the SEC218 gene for Sec23 (S. cerevisiae) homolog B, a putative novel gene, the 5 end of the gene for a novel protein similar to bacterial histidil-tank synthetas /FEA-mRNA /DB_XREF-gi:11121203 /UG-Hs.173497 Sec23 (S. cerevisiae) homolog h /Fi-ch:BC005404,1 db:NM 006363.1
209339_at	2
208030_s_at	gb:MM 001119.2 /DEF-Homo sapiens adducin 1 (alpha) (ADD1), transcript variant 1, mRNA. /FEA-mRNA /GEN-ADD1 /PROD-adducin 1 (alpha) isoform a /DB XREF-gi:7710113 /FL-gb:NM 001119.2

go. December 3 Septens marks for 1-type amino acid transporter 1, complete cds. /FEA=mRNA /GEN=hLAT1 /PROD=L-type	amino acid transporter 1 / UB Aktregi: 3926/31 / UG-HS. 1846Ul Solute carrier family 7 (cationic amino acid transporter,	ly+ system), member > /Fi-gb:AF077866.1 gb:AB018542.1 gb:AF104032.1 gb:NN 003486.1 gb:AB017908.1 gb:AB018009.1	gb:NM_014183.1 /DEF=Homo sapiens HSPC162 protein (HSPC162), mRNA. /FEA=mRNA /GEN=HSPC162 /PROD=HSPC162 protein /	7661821 /UG-Hs.100002 HSPC162 protein /FL-gb:BC002481.1 gb:AY026513.1 gb:AF161511.1 gb:NM 014183.1	
ABOISOUS.I / DEF=HOmo sapiens mknA rol	no acto transporter 1 / DB AMER gl: 59	system), member > /FL-gb:AF077866.1	NM_014183.1 /DEF-Homo sapiens HSPC16;	XREF=g1:7661821 /UG=Hs.100002 HSPC16;	nh. nr. 16551 6. 1
ide la settor	Tune) /	217918_at gb:	80	45

Table 4: Genes from Cluster Analysis 4

Affymetrix internal designation	Description of the sequence in the GeneBank data base
221798_x_at	
218231_at	gb:NM 017567.1 /DEF-Homo sapiens N-Acetylglucosamine kinase (HSA242910), mRNA. /FEA-mRNA /GEN-HSA242910 /PROD-N- Acetylglucosamine kinase /DB XREF-gi:8923736 /UG-Hs.7036 N-Acetylglucosamine kinase /FL-gb:BC001029.1 gb:BC005371.1 gb:NM 017567.1
201009_s_at	Consensus includes gb:AI439556 /FEA=EST /DB_XREF=gi:4305149 /DB_XREF=est:tc90c12.x1 /CLONE=IMAGE:2073430 /UG=Hs.179526 upregulated by 1,25-dihydroxyvitamin D-3 /FL=gb:NM 006472.1 gb:S73591.1
212998_x_at	Consensus includes gb:AIS83173 /FEA=EST /DB_XREF=gi:4569070 /DB_XREF=est:tq64e04.x1 /CLONE=IMAGE:2213598 /UG=Hs.73931 major histocompatibility complex, class II, DQ beta 1
201464_x_at	Consensus includes gb:BG491844 /FEA=EST /DB_XREF=gi:13453356 /DB_XREF=est:602535931T1 /CLONE=IMAGE:4684998 /UG=Hs.78465 v-jun avian sarcoma virus 17 oncogene homolog /FL=gb:BC002646.1 gb:NM 002228.2
214687_x_at	9 1
220532_s_at	gb:NM_014020.1 /DEF=Homo sapiens LR8 protein (LR8), mRNA. /FEA=mRNA /GEN=LR8 /PROD=LR8 protein /DB_XREF=gi:7662497 /UG=Hs.190161 LR8 protein /FL=gb:AF115384.1 gb:NM 014020.1
205987_at	gb:NM 001765.1 /DEF-Homo sapiens CD1C antigen, c polypeptide (CD1C), mRNA. /FEA-mRNA /GEN-CD1C /PROD-CD1C antigen, c po- lypeptide / DB XREF-gi:4502646 /UG-Hs.1311 CD1C antigen, c polypeptide /FL-gb:M28827.1 gb:NM 001765.1
202658_at	.1 /DEF=Homo sapiens peroxisomal biogenesis factor 11B (PEX11B), mRNA. /FEA=mRNA /GEN=PEX11B /PROD=peroxisomal biogenesis factor 11B /DB XREF=gi:4505718 /UG=Hs.83023 peroxisomal biogenesis factor 11B /FL=gb:AF093670.1 gb:AB018080.1 gb:NM 003846.1
at	gb:NM_014748.1 /DEF-Homo sapiens KIAA0064 gene product (KIAA0064), mRNA. /FEA-mRNA /GEN=KIAA0064 /PROD=KIAA0064 gene product / DB XREF-gi:7661889 /UG-Hs.278569 sorting nexin 17 /FL-gb:BC002524.1 gb:BC002610.1 gb:D31764.1 gb:NM_014748.1
	gb:AF267856.1 /DEF=Homo sapiens HT033 mRNA, complete cds. /FEA=mRNA /PROD=HT033 /DB_XREF=gi:12006038 /UG=Hs.8084 hypo- thetical protein dJ465N24.2.1 /FL-gb:AF247168.1 gb:AF267856.1
213969_x_at	Consensus includes gb:BF683426 /FEA=EST /DB_XREF=gi:11968834 /DB_XREF=est:602139603F1 /CLONE=IMAGE:4300777 /UG=Hs;183698 ribosomal protein L29
	Consensus includes gb:AI004246 /FEA=EST /DB_XREF=gi:3213756 /DB_XREF=est:ou03g06.x1 /CLONE=IMAGE:1625242 /UG=Hs.75309 eukaryotic translation elongation factor 2
208929_x_at	gb:BC004954.1 /DEE=Homo sapiens, clone MGC:10897, mRNA, complete cds. /FEA=mRNA /PROD=Unknown (protein for MGC:10897) /DB XREF=gi:13436331 /UG=Hs.180842 ribosomal protein L13 /FL=gb:BC000851.1 gb:BC004954.1 gb:NM 000977.1

206170_at	gb:NM_000024.2 /DEF=Homo sapiens adrenergic, beta-2-, receptor, surface (ADRB2), mRNA. /FEA=mRNA /GEN=ADRB2
	surface /FT.=ab.
	includes gb: ALO49923.1 / DEF-Homo sapiens mRNA; cDNA DKF2p564E2282 (from clone DKF2p564E2282). /FEA-mRNA gi:4884169 /UG-Hs.109694 KIAA1451 protein
I	Consensus includes gb:AI972144 /FEA=EST /DB XREF=gi:5768970 /DB XREF=est:wr63b03.x1 /CLONE=IMAGE:2492333 /UG=Hs.75860 hydroxyacy1-Coenzyme A dehydrogenase3 ketoacy1-Coenzyme A thiolaseenoy1-Coenzyme A hydratase (trifunctional protein), alpha subunit /FI=qb:NN 000182.1 qb:D16480.1 qb:U04627.1
	9720 /DEF=Human L-myc protein gene, complete cd myelocytomatosis viral oncogene homolog 1, lun
1	223224 /FEA=EST /DB_XREF=gi:11130401 /DB_XREF=est:7q30g05.xnilv_member 5B /FL=Gi:NM 004521.1
	57501 /FEA=EST
	omplete cds. /FE =gi:12653522 /UG=
	hyp
	Consensus includes gb:AK023348.1 / DEF=Homo sapiens cDNA FLJ13286 fis, clone OVARC1001154, highly similar to Homo sapiens clone 24720 epithelin 1 and 2 mRNA. /FEA=mRNA /DB XREF=qi:10435243 /UG=Hs:180577 grannlin
	ligand mRNA, complete cds. /FEA=mRNA /PROD=Apc (ligand) superfamily, member 10 /FI=ch: 1137518 1
	A=EST /DB XREE=g1:2660227 /DB XREF=est:ahl5e04.sl /CLONE=IMAG
	gb:NM 003752.2 / DEF-Homo sapiens eukaryotic translation initiation factor 3, subunit 8 (110kD) (EIE3S8), mRNA.
	//Fea-miday /Gen-bir358 /FRUD=eukaryotic translation initiation factor 3, subunit 8 (110kD) /DB_XREF-gi:5579457 //UG-Hs.4835 eukaryotic translation initiation factor 3, subunit 8 (110kD) /FL=gb:NM 003752.2
	6.1 /DEF-Homo sapiens, ATPase, H+ transporting, lysosomal (vacuolar proton pump
	complete Cds. /rEA=mKNA /FRUD=AlFase, H+ transporting, Lysosomal (vacuolarproton pump) 21kD /DB_XREF=gi:13543437 /FL=gb:BC005876.1
	/DEF-Homo sapiens alpha-aminoadipic
	Complete cds. /FEA=mRNA /PROD=alpha-aminoadipic semialdehydedehydrogenase-phosphopantetheinyl transferase /DB_XREF=gi:11120434 /UG=Hs.64595 aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
	36978.1 gb:AF151838.1 gb:AF151057.1 gb:NM 015423.1 gb:AF201943.1
	gp:NM_U02801.1 /DEF=Homo sapiens professome (prosome, macropain) subunit, beta type, 10 (PSMB10), mRNA. /FEA=mRNA /GEN=PSMB10/PRODE-proteasome (prosome, macropain) subunit, betatype, 10 /DB_XREF=gi:4506190 /UG=Hs.9661 proteasome
	apier
	/UG=Hs.107187 divalent cati
	1 /DEF=Homo sapiens HT026 mRNA, complete cds.
	/ UG=HS.243/1 uncharacterized hypothalamus protein HTUO/ /FL=gb:AF246240.1

206050_s_at	gb:NM_002939.1 /DEF=Homo sapiens ribonucleaseangiogenin inhibitor (RNH), mRNA. /FEA=mRNA /GEN=RNH /PROD=ribonucleaseangiogenin
212199_at	/DB_XREF=gi:12919867 /DB_XREF=est:AL566962 /CL protein S1 mRNA
201861_s_at	<pre>/65566 /FEA=EST /DB_XREF=g1:12332781 /DB_XREF=est:602277032F1 /C h repeat (in FLII) interacting protein 1 /FL=gb:NM 004735.1</pre>
212795_at	
213574_s_at	st:ak34e01.s1 /CLONE
215171_s_at	3000341, highly yene encoding mi nbrane 17 (yeast
210137_s_at	o dCMP deaminase, clone MGC:5160, mP 112654884 /UG=Hs.76894 dCMP deamina
212943_at	0011100.2 /DEF-Homo sapiens mRNA for KIAA0528 protein, partial cds. /FEA-mRNA 'DB XREF-gi:6683714 /UG-Hs.30656 KIAA0528 gene product
202164_s_at	<pre>sapiens CALIFP (CALIF) mRNA, complete cds. /FEA=mRNA /GEN=CALIF /PROD=CALIFP / anscription complex, subunit 8 /FI=gb:AF053318.1 gb:NM 004779.1 gb:AL122045.1</pre>
209005_at	'DEF-Homo sapiens p45SKP2-like protein mRNA, complete cds. /FEA-mRNA /PRO 18696 /UG-Hs.5548 f-box and leucine-rich repeat protein 5 /FI-gb:AF199420
202899_s_at	gb:NM 003017.1 /DEF=Homo sapiens splicing factor; arginineserine-rich 3 (SFRS3), mRNA. /FEA=mRNA /GEN=SFRS3 /PROD=splicing factor, arginineserine-rich 3 /DB_XREF=gi:4506900 /UG=Hs.167460 splicing factor, arginineserine-rich 3 /FT=mh:1.10838 1 mh:NM 003017.1
1	
708///sac	HE 90744 proteasome (prosome, macropain) 26S subunit, non-ATPase, 11 004430.1 gb:AB003102.1 gb:AF001212.1 gb:NM 002815.1
219889_at	frequently rearranged in advanced T-cell lymphomas (FR rranged in advanced T-celllymphomas /DB XREF-gl:4885246
- (/UG=Hs.126057 frequently rearranged in advanced T-cell lymphomas /FL=gb:U58975.2 gb:NM 005479.1
204961_s_ac	Deneutrophil cytosolic factor 1 /DB XREF=gi:4557784 /UG=Hs.1583 neutrophil cytosolic facto tous disease, autosomal 1) /FL=gb:BC002816.1 gb:AF330627.1 gb:M55067.1 gb:M25665.1 gb:NN 0
217106_x_at	us includes gb:AF091078.1 /DEF=Homo sapiens clone 559 unknown mRNA, complete sequence. /FEA=mRNA nknown /DB XREF=gi:3859993 /UG=Hs.125819 putative dimethyladenosine transferase
212224_at	000689.1 /DEF=Homo sapiens aldehyde dehydrogenase 1, soluble (ALDH1), mRNA. /F nase 1, soluble /DB_XREF=gi:4502030 /UG=Hs.76392 aldehyde dehydrogenase 1 famil 11.1 gb:NM 000689.1
204125_at	<pre>sapiens CGI-65 protein (LOC51103), mRNA. /FEA=mRNA /GEN=LOC51103 / Hs.106529 CGI-65 protein /FL=gb:BC000780.1 gb:AF151823.1 gb:NM 0160</pre>
217752_s_at	n FLJ10830 (FLJ10830), mRNA. /FEA=mRN. cal protein FLJ10830 /FL=gb:BC001375.
221087_s_at	

	/DB_XREF=gi:7656972 /UG=Hs.241535 apolipoprotein L, 3 /FL=gb:AY014905.1 gb:AF070675.1 gb:NM_014349.1
218139_s_at	gb:NM 018229.1 /DEF=Homo sapiens hypothetical protein FLJ10813 (FLJ10813), mRNA. /FEA=mRNA /GEN=FLJ10813 /PROD=hypothetical protein FLJ10813 /DB_XREF=gi:8922687 /UG=Hs.106210 hypothetical protein FLJ10813 /FL=gb:AL136685.1 gb:NM 018229.1
213878_at	Consensus includes gb:AI685944 /FEA=EST /DB XREF=q1:4897238 /DB_XREF=est:tu38g02.x1 /CLONE=IMAGE:2253362 /UG=Hs.235069 RecQ protein-like (DNA helicase Q1-like)
201346_at	gb:NM 024551.1 /DEF-Homo sapiens hypothetical protein FLJ21432 (FLJ21432), mRNA. /FEA-mRNA /GEN-FLJ21432 /PROD-hypothetical protein FLJ21432 /DB_XREF-gi:13375714 /UG-Hs.11641 hypothetical protein FLJ21432 /FL-gb:NM 024551.1 gb:BC004906.1
206874_s_at	38761 /DEF=Human DNA sequence from
	Contains the gene KIAA0204 (HSLK) for a protein kinase, the COL17A1 gene for collagen type XVII alpha 1 (BP180), ESTs and GSSs /FEA=mRNA 2 /DB XREF=gi:8573811 /UG=Hs.105751 Ste20-related serinethreonine kinase /FI=ch-DR6969 1 ch-NM 014720 1
221808 at	les ab:NM
l	cogene family /DB_XREF=gi:4759011 /UG=Hs.28726 RAB9, member RAS oncogene family /251.1
211138_s_at	/DEF-Homo sapiens, Similar to kynurenine 3-monooxygenase (kynurenir
	/FEA=mRNA /PROD=Similar to kynurenine 3-monooxygenase(kynurenine 3-hydroxylase) /DE kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) /FL=db:RC005297 1
201386 s at	apiens dead box
l	24452 /UG=Hs.5683 DEADH (Asp-Glu-Ala-AspHis) box polypeptide 15 /FL=gb:AB001636.1 gb:NM_0013
203037_s_at	gb:NM_014751.1 /DEF=Homo sapiens KIAA0429 gene product (KIAA0429), mRNA. /FEA=mRNA /GEN=KIAA0429 /PROD=KIAA0429 gene
	Joanner JDB XREE=gi:7662113 /UG=Hs.77694 KIAA0429 gene product /FL=qb:AB007889.1 qb:NM 014751.1
218356_at	
204405_x_at	sapiens
	/FKUD=putative dimethyladenosine transferase /DB_XREF=g1:7657197 /UG=Hs.125819 putative dimethyladenosine transferase /FL=gb:AF102147.1 gb:NM 014473.1
201608_s_at	sapiens nuclear phosphoprotein similar to S. cerevisiae PWP1 (PWP1), mRn ein similar to S. cerevisiaePWP1 /DB_XREF-gi:5902033
201569 s at	de-no.1/2303 increat phosphoptorein similar to 3. cerevisiae PWF1 / FLE=gp:BC001652.1 gb:L0/758.1 gb:NM 007062.1 gb:NM 015380.1 / DEFE-Homo sapiens CGI-51 protein (CGI-51), mRNA, /FEA=mRNA / GEN=CGI-51 / PROD=CGI-51 protein
] 	
222244_s_at	Consensus includes gb:AK000749.1 /DEF=Homo sapiens cDNA FLJ20742 fis, clone HEP06891. /FEA=mRNA /DB_XREF=gi:7021031 /UG=Hs.52184 hypothetical protein FLJ20618
201241_at	I W AL
	1 49.1 gb:NM 004939.1
220731_s_at	gb:NM 018090.1 /DEE-Homo sapiens hypothetical protein FLJ10420 (FLJ10420), mRNA. /FEA=mRNA /GEN=FLJ10420 / PSEP (PROD=hypothetical protein FLJ10420 / DB XREF=gi:8922415 / UG=Hs.289087 hypothetical protein FLJ10420 / Ff=nh.NM 018090 1
208799_at	oteasome (prosome, macropain) subunit, beta type, 5, clone MGC:2175, mRNA,

	t, betatype, 5 /DB XREF=g1:13278/40 /UG=HS:/ 4146.1 gb:NM 002797.1 gb:D29011.1
221718_s_at	pe II cAMP-dependent protein kinase XREF=gi:184434 /FL=gb:M90360.1
208662_s_at	185338 /FEA=EST /DB_XREF=g1:5590502 /DB_XREF=est:w192e09.xl beptide repeat domain 3 /FL=gb:D84294.1
202118_s_at	541758 /FEA=EST /DB XREF=gi:2288192 /DB XREF=est:ni87d05.s1 /CLONE=IMAGE:983817 /FL=gb:AB014536.1 gb:NM 003909.1 gb:AF077226.2
201740_at	gb:NM 004551.1 /DEF=Homo sapiens NADH dehydrogenase (ubiquinone) Fe-S protein 3 (30kD) (NADH-coenzyme Q reductase) (NDUFS3), mRNA, /FEA=mRNA /GEN=NDUFS3 /PROD=NADH dehydrogenase (ubiquinone) Fe-S protein 3(30kD) (NADH-coenzyme Q reductase)
	1s.5273 NADH dehydrogenase (ubiquinone) 067139.1 gb:NM 004551.1 gb:AF100743.1
215952_s_at	190094.1 /DEF-Homo sapiens clone IMAGE 172979. /FEA=mRNA /DB_XREF=gi:4063629 lecarboxylase antizyme 1
212796_s_at	udes gb:BF195608 /FEA=EST /DB_XREF=gi:11082676 /DB_XREF=est:7n85f03.x1 /CLONE=IMAGE:35 KIAA1055 protein
210561_s_at	<pre>gb:AL110243.1 /DEF=Homo sapiens mRNA; cDNA DKFZp564B0482 (from clone DKFZp564B0482); complete cds. /FEA=mRNA /GEN=DKFZp564B0482 /PROD=hypothetical protein /DB_XREF=gi:5817189 /UG=Hs.187991 DKFZP564A122 protein /FI=Gb:AF072880.1 db:AF106683.1 db:AL110243.1 db:AF112205.1 db:AF069313.2</pre>
202220_at	sapiens Hs.24656
203739_at	sapiens zinc finger protein 217 (
40 % 9601EC	/DB XREF=gi:5730123 /UG=Hs.155040 zinc finger protein 217 /FL=gb:AF041259.1 gb:NM 006526.1 https://doi.org/10.2009/10.
4¦	complex subunit 5 / DB XREF=9113623410 FL=90 BC006301.1
204060_s_at	/DEF=Homo sapiens protein Kinase, X-iinked (FKKX), mkNA. /FEA=mKNA /GEN=FKKX /FK 326947 /UG=Hs.147996 protein Kinase, X-linked /FL=gb:NM 005044.1
64064_at	195b11.x1 Homo sapiens cDNA, 3
201515_s_at	sapiens translin (TSN), mRNA. /FEA-mRNA /GEN-TSN /PROD-t L-gb:NM 004622.1
219093_at	s hypothetical protein FLJ20701 (FLJ20701), mRNA, /FEA-mRNA /GEN=FLJ2070 0701 /DB XREF=gi:8923631 /UG=Hs.169764 hypothetical protein FLJ20701 /FL
221739_at	2787586 /DB_XREF=est:AL52
208822_s_at	onizing radiation resistance conferring protein mRNA, complete cds. /FEA=m nferringprotein /DB XREE=gi:603763 /UG=Hs.159627 death associated protein 3
218160_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 (19kb, PGIY) H dehydrogenase (ubiquinone) 1 alphasubcomplex, 8 (19kD, PGIV) /Di
	/UG=Hs.31547 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 (19kD, PGIV) /FL=gb:BCUUlub.1 gb:AFU44953.1 gb:NM 014222.1
221728_x_at	Consensus includes gb:AA628440 /FEA=EST /DB_XREF=gi:2540827 /DB_XREF=est:af26f02.sl /CLONE=IMAGE:1032795 /UG-Hs.83623 nuclear receptor subfamily 1, group I, member 3

210943_s_at	gb:U84744.1 /DEF=Human Chediak-Higashi syndrome protein short isoform (LYST) mRNA, complete cds. /FEA=mRNA /GEN=LYST /PROD=Chediak-Higashi syndrome protein short isoform /DB XREF=qi:2654473 /HG=HS 3650R Chediak-Higashi syndrome
	110000000000000000000000000000000000000
209104_s_at	gb:BC000009.1 /DEF-Homo sapiens, likely homolog of yeast Nhp2, component of the HACA snoRNP; hypothetical protein FLJ20479.
	clone MGC:1038, mRNA, complete cds. /FEA-mRNA /PROD=likely homolog of yeast Nhp2, component of theHACA snoRNP; hypothetical protein FLJ20479 /DB XREF=qi:12652540 /UG=Hs.23990 nnc]eolar protein family a member 2 /unc. email
	1 SECTION 1 THE PROPERTY OF TH
217987_at	M 019048.1 /DEF=Homo
201699_at	06.1 /DEF-Homo sapiens proteasome (prosome, macropain) 26S subu
: .	/GEN=PSMC6 //PROD≂broteasome (brosome macropain) 26s subunit brbase 6 /Da vppp=mi-4606214 /Hr-Us 10367 mustansia
	subunit, ATPase, 6 /FL=gb:BC00539
201359_at	/DEF=Homo sapiens coatomer protein complex, subunit beta (COPB), mRNA. /F
	//PROD=coatomer protein complex, subunit beta /DB_XREF=gi:7705368 /UG=Hs.3059 coatomer protein complex, subunit beta. /FL=gb:AF084457.1 gb:AL136593.1 gb:NM 016451.1
210027_s_at	urinic endonuclease (APE) mRNA, complete cds. /FEA=mRNA /
202096 s at	=Homo sapiens benzodiazapin
	And
	Clauserith Variant Feb., mann. / E.M. mann. / GEN-ELAKP / FROUTPETIDNETAL Denzodiazapine receptor / DB_XREF=gi:6382068 /UG=Hs.202 benzodiazapine receptor (peripheral) / FL=gb:BC001110.1 gb:M36035.1 gb:NM 000714.2
214948_s_at	
200042_at	sapiens hypothetical protein (HSPC117), mRNA. /FEA=mRNA /GEN=HSPC117
· · · · · · · · · · · · · · · · · · ·	C. elegens hypothetical 55.2 kD protein F16All.2 /DB_XREF=gi:7657014 /UG=Hs.10729 hypothetical protein /FL=gb:BC000151.1 qb:BC002970.1 qb:AF161466.1 qb:NM_014306.1 qb:AF155658.1
219035_s_at	gb:NM 025126.1 /DEF-Homo sapiens hypothetical protein FLJ21786 (FLJ21786), mRNA. /FEA-mRNA /GEN-FLJ21786 /PROD-hypothetical protein FLJ21786 /DB XREF-g1:13376704 /MG-Hs 316809 hymothetical protein FLJ21786 /DB XREF-g1:13376704 /MG-Hs 316809 /DB XREF-g1:13376704 /MG-Hs XREF-g104704
200041_s_at	M_004640.1 /DEF-Homo sapiens HLA-B associated transcript-1 (D6S81E), mRNA. /FEA-mRNA /GEN-D6S81E /
	ared transcript-1 /DB XREF=gi:4758111 /UG=Hs.55296 HLA-B associated transcript-1 /FL=qb:BC004350 1 ob:NM 004640 1
216321_s_at	/FEA=mRNA
214574 x at	007161.1 //
i I	or, p30 (D6S49E), mRNA. /FEA=CDS /GEN=D6S49E /PROD=leukocyte-specific transc
205370_x_at	sapiens dihydrolipoamide branched chain transacyl
	dehydrogenase complex; maple syrup urine disease) (DBT), mRNA. /FEA=mRNA /GEN=DBT /PROD=dihydrolipoamide branched chain
	503264 /UG=Hs.139410 dihydrolipoamid
213872 at	Syrup urine disease) /FL=gb:J03208.1 gb:NN 00

	ı
201576_s_at	sapiens galactosidase, beta 1 (GLB1), mRNA. / 1965 /UG=Hs.79222 galactosidase, beta 1 /FL=gb
202548_s_at	sapiens PAK-interacting exchange factor beta (PBSSFR), mkNA. /FEA=mkNA /GEN=PBSSSFR Change factor beta /DB_XREF=gi:4505572 /UG=Hs.172813 PAK-interacting exchange facto 1899.1
204028_s_at	=Homo sapien CENA /PROD=r TPase activa
202435_s_at	Consensus includes gb:AU154504 /FEA=EST /DB_XREF=gi:11016025 /DB_XREF=est:AU154504 /CLONE=NIZRP40U1528 /UG=Hs.154654 cytochrome P450, subfamily I (dioxin-inducible), polypeptide 1 (glaucoma 3, primary infantile) /FL=db:NM 000104.2 gb:U03688.1
217980_s_at	<pre>sapiens hypothetical protein FLJ20484 (FLJ20484), mRNA. /FEA-mRNA /GEN= in FLJ20484 /DB XREF=g1:8923447 /UG=Hs.5080 hypothetical protein FLJ2048)1040.1 gb:NM 017840.1 gb:AF183428.1</pre>
201112_s_at	<pre>sapiens chromosome segregation 1 (yeast homolog)-like (CSELL), mRNA. / sme segregation 1 (yeast homolog)-like /DB_XREF=gi:4503072 /UG-Hs.90073 -gb:U33286.1 gb;AF053641.1 gb;NM 001316.1</pre>
202322_s_at	sapiens geranylgeranyl diphosphate synthase l (GGPS1), mRNA. /FEA-mRNA /GEN-GGPS1 nosphate synthase l /DB_XREF-gi:4758429 /UG-H6.55498 geranylgeranyl diphosphate synthase l 05252.1 gb:AB017971.1 gb:AB016043.1 gb:AB019036.1 gb:NN 004837.1 gb:AF125394.1
203545_at	in MGC284 GC2840 si to a puta
212646_at	/DEF=Human mRNA for KIAA0084
212591_at	gb:AA887480 ike protein
218005_at	
201165_s_at	<pre>gb:BE670915 /FEA=EST /DB XREF=gi:10031456 /DB XREF=est:7e43a09.x1 io (Drosophila) homolog 1 /FL=gb:AF315592.1 gb:NM 014676.1</pre>
212239_at	/FEA=EST /DB_XREF=gi:4990374 /DB_XREF=est:tw66a10.x1 /C-kinase, regulatory subunit, polypeptide l (p85 alpha)
204386_s_at	
214853_s_at	/FEA=EST /DB_XREF=gi:3430138 /DB_XREF= 2 domain-containing) transforming prot
210580_x_at	uman estrogen sulfotransferase mRNA, complete cds. /FBA=mRNA /PROD=estrogen sulfotra //UG=Hs.274614 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3 /
222150_s_at	COC6747.1 /DEF=Homo sapiens cDNA: FLJ23094 fis, clone LNG07379, highly similar to HSTU cDNA clone EUROIMAGE 293605. /FEA=mRNA /DB XREF=gi:10439670 /UG=HS.12969 hypothetica
209265_s_at	<pre>gb:BC001650.1 /DEF=Homo sapiens, Similar to putative methyltransferase, clone MGC:2708, mRNA, complete cds. /FEA=mRNA /PROD=Similar to putative methyltransferase /DB_XREF=gi:12804482 /UG=Hs.268149 putative methyltransferase /FI=gb:BC003031.1 gb:BC001650.1 gb:NM 019852.1</pre>

218807_at	gb:NM 006113.2 /DEF=Homo sapiens vav 3 oncogene (VAV3), mRNA. /FEA=mRNA /GEN=VAV3 /PROD=vav 3 oncogene /DB_XREF=gi:7262390 //ICE=Ns 267659 vav 3 oncogene /FI=ch.bEN67817 1 ch.aF118887 1 ch.nm 006113 2
209043_at	incogene in grantoner; grantoner; grantoner; grantone sapiens bifunctional ATP sulfurylaseadenosinnetional ATP sulfurylaseadenosinne5-phosphosulfate synthase I /FI=db:faoadenosine 5-phosphosulfate synthase I /FI=db:fa
219777_at	.1 / DEF-Homo sapiens hypothetical protein FLJ22690 (FLJ22690), mRNA. /FEA-mRNA /GEN-FLJ22690 etical protein FLJ22690 /DB XREF=qi:13376008 /UG=Hs.105468 hypothetical protein FLJ22690 /FL=o
218048_at	
201986_at	Consensus includes gb: AB011165.1 /DEF=Homo sapiens mRNA for KIAA0593 protein, partial cds. /FEA=mRNA /GEN=KIAA0593 /PROD=KIAA0593 protein /DB XREF=gi:3043709 /UG=Hs.11861 thyroid hormone receptor-associated protein, 240 kDa subunit /FL=gb:AF117754.1 gb:NM 005121.1
219799_s_at	gb:NM 005771.1 /DEF=Homo sapiens retinol dehydrogenase homolog (RDHL), mRNA. /FEA=mRNA /GEN=RDHL /PROD=retinol dehydrogenase homolog /DB_XREF=gi:5032034 /UG=Hs.179608 retinol dehydrogenase homolog /FL=gb:AF067174.1 gb:NM 005771.1
208688 x_at	gb:U78525.1 /DEF=Homo sapiens eukaryotic translation initiation factor (eIF3) mRNA, complete cds. /FEA=mRNA /GEN=EF3 /PROD=eukaryotic translation initiation factor /DB_XREF=gi:2558667 /UG=Hs.57783 eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD) /FL=qb:U78525.1
200001_at	49.1 /DEF=Homo
218118_s_at	translocase of inner mitochondri nner mitochondrial membrane 23(y r mitochondrial membrane 23 (yea
201840_at	gb:NM 006156.1 /DEF=Homo sapiens neural precursor cell expressed, developmentally down-regulated 8 (NEDDB), mRNA. /FEA=mRNA /GEN=NEDD8 /PROD=neural precursor cell expressed, developmentallydown-regulated 8 /DB_XREF=gi:5453759 /UG=Hs.75512 neural precursor cell expressed, developmentally down-regulated 8 /Fi=ch:D23662.1 ch:NM 006156.1
38710_at	14:Homo sapiens mRNA; cDNP 08504 /len=1904
212287_at	Consensus includes gb:BF382924 /FEA=EST /DB_XREF=gi:11364313 /DB_XREF=est:601816985F1 /CLONE=IMAGE:4050909 /UG=Hs.197803 KIAA0160 protein
203098_at	Consensus includes gb:AL050164.1 /DEF=Homo sapiens mRNA; cDNA DKFZp586C1622 (from clone DKFZp586C1622); partial cds. /FEA=mRNA /GEN=DKFZp586C1622 /PROD=hypothetical protein /DB XREF=gi:4884378 /UG=Hs:16081 chromodomain protein, Y chromosome-like /FI=qb:AF081258.1 qb:AF081259.1 qb:NM 004824.1
218905_at	sapiens hypothetical prot n FLJ20530 /DB XREF=gi:89
218303_x_at	sapiens hypothetical protein (LOC51315), mRNA. /FEA=mRNA /GEN=LOC51315 /PROI /UG=Hs.5721 hypothetical protein /FL=gb:AF208845.1 gb:AF217520.1 gb:NM 0166:
208705_s_at	Consensus includes gb:BG481972 /FEA=EST /DB_XREF=gi:13414251 /DB_XREF=est:602526894F1 /CLONE=IMAGE:4650406 /UG=Hs.286236 eukaryotic translation initiation factor 5 /FL=gb:AL080102.1
218715_at	gb:NM 018428.1 /DEF=Homo sapiens hepatocellular carcinoma-associated antigen 66 (HCA66), mRNA. /FEA=mRNA /GEN=HCA66 //PROD=hepatocellular carcinoma-associated antigen 66 /DB XREF=gi:8923721 /UG=Hs.30670 hepatocellular carcinoma-associated antigen 66 /FL=gb:AF244135.1 gb:AF116631.1 gb:NM 018428.1
202184_s_at	sapiens hypothetical protein FLJ10814 (

	/PROD=hypothetical protein FLJ10814 /DB_XREF=gi:8922689 /UG-Hs.12457 hypothetical protein FLJ10814 /FL=gb:NM_018230.1
202004 <u>x</u> at	gb:NM 003001.2 /DEF=Homo sapiens succinate dehydrogenase complex, subunit C, integral membrane protein, 15kD (SDHC), nuclear gene encoding mitochondrial protein, mRNA. /FEA=mRNA /GEN=SDHC /PROD=succinate dehydrogenase complex, subunit Cprecursor /DB XREF=gi:9257243 /UG=Hs.3577 succinate dehydrogenase complex, subunit C, integral membrane protein, 15kD /FL=gb:U57877.1 gb:NM 003001.2
209435_s_at	gb:BC000265.1 /DEF=Homo sapiens, clone MGC:3182, mRNA, complete cds. /FEA-mRNA /PROD=Unknown (protein for MGC:3182) /DB XREF=gi:12653008 /UG-Hs.315417 Homo sapiens, clone MGC:3182, mRNA, complete cds /FL-gb:BC000265.1
221044_s_at	gb:NM_021616.1 /DEF=Homo sapiens ring finger protein 21, interferon-responsive (RWF21), mRMA. /FEA=mRMA /GEN=RNF21 /PROD=ring finger protein 21, interferon-responsive /DB_XREF=gi:11055977 /UG=Hs.125300 ring finger protein 21, interferon-responsive /FL=gb:AB039903.1 gb:NM_021616.1
200992_at	Consensus includes gb:AL137335.1 /DEF=Homo sapiens mRNA; cDNA DKFZp434A179 (from clone DKFZp434A179); partial cds. /FEA=mRNA /GEN=DKFZp434A179 /PROD=hypothetical protein /DB_XREF=gi:6807827 /UG=Hs.5151 RAN binding protein 7 /FL=gb:AF098799.1 gb:NM 006391.1
201900_s_at	gb:NM 006066.1 /DEF=Homo sapiens aldo-keto reductase family 1, member Al (aldehyde reductase) (AKRIA1), mRNA. /FEA=mRNA /GEN=AKRIA1 /PROD=aldo-keto reductase family 1, member Al (aldehyde reductase) /DB XREF=gi:5174390 /UG-HS.89529 aldo-keto reductase family 1, member Al (aldehyde reductase) /FI=gb:BC000670.1 gb:J04794.1 gb:NM 006066.1
202560_s_at	sapiens DKFZP547E1010 protein (DKFZP547E1010), m ein /DB XREF=gi:7661589 /UG=Hs:323817 DKFZP547E10
201105_at	sapiens lectin, g alactosidase bindi ectin 1) /FL=gb:BC
204546_at	gb:NM 014732.1 /DEF=Homo sapiens KIAA0513 gene product (KIAA0513), mRNA, /FEA=mRNA /GEN=KIAA0513 /PROD=KIAA0513 gene product /DB XREF=g1:7662163 /UG=Hs.301658 KIAA0513 gene product /FL=gb:AB011085.1 gb:NM 014732.1
214181_x_at	Consensus includes gb:AI735692 /FEA=EST /DB_XREF=gi:5057216 /DB_XREF=est:at20b12.x1 /CLONE=IMAGE:2355647 /UG-Hs:88411 1ymphocyte antigen 117
219032_x_at	gb:NM_014322.1 /DEF=Homo sapiens opsin 3 (encephalopsin) (OPN3), mRNA. /FEA=mRNA /GEN=OPN3 /PROD=opsin 3 (encephalopsin) /DB XREF=gi:7657070 /UG=Hs.279926 opsin 3 (encephalopsin) /FL=gb:AF140242.1 gb:NM 014322.1
205306_x_at	Consensus includes gb:AI074145 /FEA=EST /DB_XREF=g1:3400789 /DB_XREF=est:ov13a06.x1 /CLONE=IMAGE:1637170 /UG-Hs.107318 kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) /FL=gb:AF056032.1 gb:NM 003679.1
202837_at	sapiens FLN29 gene product (FLN29), mRNA. /Fi 4s.5148 FLN29 gene product /FL=gb:BC003553.1
202153_s_at	s hypothetical protein (DKF2p5 XREF=gi:7705354 /UG=Hs.9877 hy
209341_s_at	Consensus includes gb:AU153366 /FEA-EST /DB_XREF=gi:11014887 /DB_XREF=est:AU153366 /CLONE=NT2RP3002988 /UG=Hs.226573 inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta /FL-gb:AF031416.1 gb:AF080158.1
212493_s_at	~
201600_at	gb:NM 007273.1 /DEF=Homo sapiens B-cell associated protein (REA), mRNA. /FEA=mRNA /GEN=REA /PROD=B-cell associated pro- tein 7DB XREF=gi:6005853 /UG=Hs.7771 B-cell associated protein /FI=gb:AF150962.1 gb:NM_007273.1 gb:AF126021.1 gb:AF178980.1
201144 <u>s</u> at	gb:NN 004094.1 /DEF=Homo sapiens eukaryotic translation initiation factor 2, subunit 1 (alpha, 35kD) (EIF2S1), mRNA: /FEA=mRNA /GEN=EIF2S1 /PROD=eukaryotic translation initiation factor 2,subunit 1 (alpha, 35kD) /DE XREF=gi:4758255 /UG=Hs.15177 eukaryotic translation initiation factor 2, subunit 1 (alpha, 35kD) /FL=gb:BC002513.1 gb:J02645.1 gb:NN 004094.1
211985_s_at	Consensus includes gb:AI653730 /FEA=EST /DB_XREF=gi:4737709 /DB_XREF=est:wb36f12.x1 /CLONE=IMAGE:2307791 /UG-Hs.279009 matrix Gla protein

7 700100	
70770 ar	<pre>gb:Nq_VU3UU4.1 / DEF=HOMO Sapiens NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8 (19kb, ASHI) (NDUFB8), mRNA. /FEA=mRNA /GEN=NDUFB8 / PROD=NADH dehydrogenase (ubiquinone) 1 betasubcomplex, 8 (19kb, ASHI) /DB_XREF=gi:4826853 /UG=Hs.198273 NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8 (19kb, ASHI) /FET=gb:BC000466.1 gb:AF044958.1 gb:AF077028.1 qb:NM 005004.1 db:AL080056.1</pre>
208828_at	Appiens, histone fold /PROD=histone fold prolein CHRAC17; D13.1
204020_at	17 Q
217942_at	sapiens MDS023 protein (MDS023), mRNA. /FF =Hs.10724 MDS023 protein /Fr=qb:AF182422.1
203514_at	/DB_XREF=gi:12339138 /DB_XREF=est inase kinase kinase 3 /FI=qb:U788
204334_at	188672 /FEA-EST /DB XREF=g1:2216103 /D te factor 7 (ubiquitous) /FL-gb:AB0151
203531_at	135809 /FEA=EST /DB XREF=gi:11448124 /DB XE T=gb:AF327710.1 gb:AF017061.1 gb:NM 003478
205022_s_at	sapiens checkpos 3=Hs.211773 check
201532_at	sapiens proteasome (prosome, macropain) subunit, alpha type, 3 (PSMA3), mRNA. / me (prosome, macropain) subunit alphatome 3 /pp vpra-givence)
1- 0000	unit, alpha type, 3 /FL=gb:BC005265.1 gb:NM 002
2049/2_at	gb:NM 01681/.1 /DEF=Homo sapiens 2-5011goadenylate synthetase 2 (OAS2), transcript variant 1, mRNA. /FEA=mRNA /GEN=OAS2 /PROD=2-5011goadenylate synthetase 2, isoform p71 /DB XREF=q1:8051624 /UG=Hs.264981 2-5011goadenylate synthetase 2
	1817.1
709200_at	Consensus includes gb:AL536517 /FEA=EST /DB_XREF=gi:12800010 /DB_XREF=est:AL536517 /CLONE=CS0DF038YH13 (5 prime) /UG=Hs.78995 MADS box transcription
	eptide C (myocyte enhancer
21/945_at	gb:NM_025238.1 /DEF=Homo sapiens BTB (POZ) domain containing 1 (BTBD1), mRNA. /FEA=mRNA /GEN=BTBD1 /PROD=BTB (POZ)
-	238.1 gb:AF355402.1
201491_at	FEA=mRNA /GEN=C140RF3
	1 gb:NM 012111.1 gb:AF164791
204868_at	transcript 1 / Op Open : Affice (100), MRNA.
217826_s_at	gb:NM 016021.1 /DEF=Homo sapiens CGI-76 protein (LOC51632), mRNA. /FEA=mRNA /GEN=LOC51632 /PROD=CGI-76 protein /DB XREF=gi:7706311 /UG=Hs.184325 CGI-76 protein /FL=cb:AF151834 1 ch:AF161502 1 ch:AF161039 1 ch:NM 016021 1
212534_at	XREF=est:AU144066 /CLONE=HEMBA1000798
211284_s_at	Homo sapiens, Similar to gr
212188_at	51075 /FEA=EST /DB XREF=gi:23
	Saprens Crone 24/13

201458_s_at	gb:NM_O04725.1 /DEF=Homo sapiens BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog (BUB3), mRNA. /FER=mRNA /GEN=BUB3 /PROD=BUB3 (budding uninhibited by benzimidazoles 3,yeast) homolog /DB_XREF=gi:4757879 /UG=Hs.40323 BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog /FL=gb:BC005138.1 gb:AF047472.1 gb:AF053304.1 gb:AF081496.1
201773_at	gb:NM 004725.1 gb:NM 015339.1 /DEF=Homo sapiens activity-dependent neuroprotective protein (ADNP), mRNA. /FEA=mRNA /GEN=ADNP
-	6 /UG=Hs.3657 activity-dependent
218751_s_at	gb:NM 018315.1 /DEF=Homo sapiens hypothetical protein FLJ11071 (FLJ11071), mRNA. /FEA=mRNA /GEN=FLJ11071 / PROP PROD=hypothetical protein FLJ11071 /PL=qb:NM 018315.1
201350_at	/PROD=flotillin 2
201098_at	gb:NM_004766.1 /DEF=Homo sapiens coatomer protein complex, subunit beta 2 (beta prime) (COPB2), mRNA. /FEA=mRNA
	/PROD=coatomer protein complex, subunit beta 2 (betaprime) /DB_XREF=gi:4758031 /UG=Hs.75724 coatomer protein complex, subunit beta 2 (beta prime) /FL=gb:BC000326.1 gb:NM 004766.1
203732_at	1 /DEF-Homo sapiens thyroid hormone receptor interactor 4 (TRIP4), mRNA. /FEA-mRNA /G
	/PROD-activating signal cointegrator 1 /DB_XREF-gi:7706430 /UG-Hs.116784 thyroid hormone receptor interactor 4 /FL-gb:AF168418.1 gb:NM 016213.1
202846_s_at	sapiens phosphatidylinositol glycan, class C (PIGC), mRNA. /FEA-mRNA /GF
	gb:NM 002642.1
205936_s_at	gb:NM_002115.1 /DEF=Homo sapiens hexokinase 3 (white cell) (HK3), mRNA, /FEA=mRNA /GEN=HK3 /PROD=hexokinase 3 (white
201209 at	004964.2 / DEF=Homo sapiens histone deacetvlase 1 (HDAC1) . mRNA. /FEA=mRNA /G
•	Hs.88556 histone deacetylase 1 /FL=gb:BC000301.1 gb:U50079.1 gb:NM 004964.2 gb:D50405.1
217798_at	Consensus includes gb:AI123426
209455_at	963245 /FEA=EST /DB_XREF=91:11766663 /DB_XREF=est:601656874R1 /C
212397 at	Consensus includes ab: AL137751.1 /DEF=Homo sapiens mRNA: CDNA DKF2043410812 (from clone DKF2043410812): nartial ods
l	protein /DB_XREF=gi:6808387 /UG=Hs.263671 Homo sapiens mRNA;
218025_s_at	gb:NM 006117.1 /DEF=Homo sapiens peroxisomal D3/D2-enoyl-CoA isomerase (PECI), mRNA. /FEA=mRNA /GEN=PECI /PROD=peroxisomal D3.D2-enoyl-CoA isomerase /DB XREF=q1:5174624 /UG=Hs.15250 peroxisomal D3.D2-enoyl-CoA isomerase
-	002668.1 gb:AF069301.1 gb:AF153612.1 gb:NM 006117.1 gb:AF244138.1
203217_s_at	gb:NM 003896.1 /DEF=Homo sapiens sialyltransferase 9 (CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase; GM3 syn- thase (SIAT9), mRNA, /FEA=mRNA /GEN=SIAT9 /PROD=sialyltransferase 9 (CMP-NeuAc-lactosylceramidealpha-2,3-2
	Anthase) / DB_XREF=g1:4506954 / UG=Hs. 225939 sia 43 svnthase) / FT=cb: AB018356 1 ch: NM 003896 1
212812_at	AI700633 /FEA=EST /DB XREF=91:4988533 /DB_XREF=e 22642 fis, clone HSI06970
207830_s_at	1
	hibitor) subunit
204061_at	gb:NM_005044.1 /DEF=Homo sapiens protein kinase, X-linked (PRKX), mRNA. /FEA=mRNA /GEN=PRKX /PROD=protein kinase, X- linked /DB XREF=gi:4826947 /UG=Hs.147996 protein kinase, X-linked /FL=gb:NM 005044.1

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	a t	/DEF=Homo sapiens, Similar to CC to CG14740 gene product /DB_XREI
		sapiens hypothetical protein FLJ112 n FLJ11296 /DB XREF=gi:8922984 /UG=
	217725_x_at	sapiens PAI-1 mRNA-binding protein (PAI-RBP1), mRNA. /FEI gi:7661625 /UG=Hs.165998 PAI-1 mRNA-binding protein /FL=<
	200802_at	gb:NM_006513.1 /DEF=Homo sapiens seryl-tRNA synthetase (SARS), mRNA. /FEA=mRNA /GEN=SARS /PROD=seryl-tRNA synthetase /DB XREF=g1:5730028 /UG=Hs.4888 seryl-tRNA synthetase /FI=gb:BC000716.1 gb:NM 006513.1 gb:D49914.1
	213203_at	des gb:A1633709 /FEA=EST /DB_XREF=g1:46 NA activating complex, polypeptide 5, 1
	204640_s_at	gb:NM_003563.1 /DEF=Homo sapiens speckle-type FOZ protein (SPOP), mRNA. /FEA=mRNA /GEN=SPOP /PROD=speckle-type POZ pro- tein 7DB XREF=gi:4507182 /UG=Hs.129951 speckle-type POZ protein /FL=qb:BC003385.1 qb:NM_003563.1
	202324_s_at	
	211661_x_at	gb:W80436.1 /DEF=Human platelet activating factor receptor mRNA, complete cds. /FEA=mRNA /GEN=FTAFR /FROD=platelet acti- vating factor receptor /DB XREF=g1:189537 /FL=gb:W80436.1
	208969_at	/FEA=mRNA /PROD=NAI
		iquinone) 1 alpha subcomplex, 9
	202227_s_at	gb:NM_006696.1 /DEF=Homo sapiens thyroid hormone receptor coactivating protein (SMAP), mRNA. /FEA=mRNA /GEN=SMAP /PROD=thyroid hormone receptor coactivating protein /DB_XREF=gi:5730052 /UG=Hs.5464 thyroid hormone receptor coactivating protein /FL=ab:AF016270.1 db:NM 006696.1
•	221989_at	Į-Ω
	at	gb:NN 006254.1 /DEF=Homo sapiens protein kinase C, delta (PRKCD), mRNA. /FEA=mRNA /GEN=PRKCD /PROD=protein kinase C, delta /DB XREF=gi:5453969 /UG=Hs.155342 protein kinase C, delta /FL=qb:L07860.1 db:L07861.1 db:D10495.1 db:NN 006254.1
	202214_s_at	sapiens cullin 4B (CUL4B), mRNA. /FEA=mRNA /GEN=CUL4B /FROD≈cullin 4B /DB_XREF= FL=gb:NM 003588.1 gb:AB014595.1
	218366_x_at	gb:NM 022734.1 /DEE=Homo sapiens hypothetical protein FLJ20859 (FLJ20859), mRNA. /FEA=mRNA /GEN=FLJ20859 / Pl=CA / PROD=hypothetical protein FLJ20859 / Pl=CA / DB XREF=gi:12232388 /UG=Hs.6311 hypothetical protein FLJ20859 / FL=CA:NM 022734 .1
	218592_s_at	/DEF=Homo sapiens hypothetical protein FLJ20454 (FLJ20454), mRNA. /FEA=mRNA /GEN=FLJical protein FLJ20454 /UG=Hs.26890 hypothetical protein FLJ20454
	209658 <u>a</u> t	gb:AF164598.1 /DEF=Homo sapiens cell division control protein 16 (CDC16) mRNA, complete cds. /FEA=mRNA /GEN=CDC16 /PROD=cell division control protein 16 /DB_XREF=gi:5533374 /UG=Hs.1592 CDC16 (cell division cycle 16, S. cerevisiae, homolog) /FL=gb:AF164598.1
	202217_at	gb:NM 004649.1 /DEF=Homo sapiens ES1 (zebrafish) protein, human homolog of (C210RF33), mRNA. /FEA=mRNA /GEN=C210RF33 / PROD=ES1 (zebrafish) protein, human homolog of /DB XREF=gi:5031690 /UG=Hs.182423 ES1 (zebrafish) protein, human homolog of /DB XREF=gi:5031690 /UG=Hs.182423 ES1 (zebrafish) protein, human homolog of /FL=gb:BC002370.1 gb:BC003587.1 gb:DB6061.1 gb:US3003.1 gb:NM 004649.1
	54970_at	_

202441 at	udes gb:AL568449 /FEA=EST /DB_XREF=g1:12922799 /DB_XREF=est:AL56844
	/UG=Hs.285818 similar to Caenorhabditis elegans protein C42Cl.9 / FL=go:Argo:Argo:Argo:Argo:Argo:Argo:Argo:Ar
211383_s_at	apiens mkNA; cDNA DKF2p434F242/ (IIom Cloue DAF2p44f241/) compilere cus: hypothetical protein /DB XREF=gi:6807664 /UG=Hs.27207 KIA0982 protein /FI-
201903_at	gb: NM 003365.1 /DEF-Homo sapiens ubiquinol-cytochrome c reductase core protein 1 (UUCRCI), manh. / Fem-mann / Dem-UUCRCI / PROD-ubiquinol-cytochrome c reductase core protein I /DB XREF-gi:4507840 /UG-Hs.119251 ubiquinol-cytochrome c reductase core protein I /FL-qb:L16842.1 gb:NM 003365.1 gb:D26485.1
201827_at	apiens PRO2451 mRI sociated, actin d 1077 1 gb:AF113019
201583_s_at	gb:NM 006363.1 /DEF=Homo sapiens Sec23 (S. cerevisiae) homolog B (SEC23B), mRNA. /FEA-mRNA /GEN=SEC23B /PROD=Sec23 (S. cerevisiae) homolog B /FE-gb:BC063644.1 gb:NM 006363.1 cerevisiae) homolog B /FE-gb:BC063644.1 gb:NM 006363.1
210825_s_at	db:AFI30103.1 /DEF-Homo sapiens clone FLB2914 PR00/20 mRNA, complete cds. /FEA=RKNA /FKUD=FKUU/20 /Ub AREF=g1:41493309 /UG-Hs.160483 erythrocyte membrane protein band 7.2 (stomatin) /FE=g0:AFI30103.1 /UG-Hs.160483 erythrocyte membrane protein band 7.2 (stomatin) /FE=g0:AFI30103.1
212696_s_at	168633 /FEA≒EST /DB_XREF=g1:12335848 /UB_XRE protein 4
218229_s_at	MRNA. /FE. 017542.1
210111_s_at	apiens PNAS-138 mRNA, complete cds. /rea-mkNA /es PNAS-138 mRNA, complete cds /FL=qb:RF277175.1
201268_at	<pre>gb:NM_002512.1 /DEF=Homo sapiens non-metastatic cells 2, protein (NM23B) expressed in (NME2), nuclear gene encoding mitochondrial protein, mRNA, /FEA=mRNA /GEN=NME2 /PROD=non-metastatic cells 2, protein (NM23B)expressed in /DB_XREF=gi:450540B /UG=HS.275163 non-metastatic cells 2, protein (NM23B)</pre>
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201199_s_at	subunit, non-AlPase, 1 (PSMUL), mkWA. se, 1 /DB_XREF=gi:4506224 /UG=Hs.3887 p 002807.1
218242_s_at	535.1 /DEF-Homo sapiens hypothetical protein FLJ20039 (FLJ20039), mRNA. /FEA-mRNA /GEN-FLJ20039 othetical protein FLJ20039 /FB-gp:NM
201232_s_at	gb:NM_002817.1 /DEF-Homo sapiens proteasome (prosome, macropain) 26S subunit, non-ATPase, 13 (FSMD13), mRNA. /FEA=mRNA /GEN=PSMD13 /PROD=proteasome (prosome, macropain) 26S subunit, non-ATPase, 13 /DB_XREF=gi:4506222 /UG=Hs.279554 proteasome (prosome, macropain) 26S subunit, non-ATPase, 13 /FL=gb:BC001100.1 gb:BC001747.1 gb:AB009398.1
220044_z_at	sapiens cisplatin resistance-associated overexpressed protein (LUCTA), mRNA. in resistance-associated overexpressedprotein /DB_XREF=gi:7706534 /UG=Hs.3688 octated overexpressed protein /FL=gb:NM 016424.1
210835_s_at	gb:AF222711.1 /DEF-Homo sapiens ribeye mRNA, complete cds. /FEA-mRNA /PROD=ribeye /DB_XREF-gi:12034652 /UG-Hs.171391 C-terminal binding protein 2 /FI-gb:AF222711.1 gb:NM 022802.1
211271_x_at	11 20 50
218996_at	Promo prote gb:NM
201765_s_at	Consensus includes gb:AL523158 /FEA=EST /DB_XREF=gi:12/86651 /DB_XREF=est:AL523158 /CLONE=CSULCOLIMOR (3 plime)

	lpha polypeptide) /FL=gb:NM_U0U3ZU.z
204837_at	Consensus includes gb:AL080178.1 /DEF=Homo sapiens mRNA; cDNA DKFZp434K171 (from clone DKFZp434K171); partial cds. /FEA=mRNA /GEN=DKFZp434K171 /PROD=hypothetical protein /DB_XREF=gi:5262652 /UG=Hs.27194 DKFZP434K171 protein /Fr=nb.NM 015458.1
201221_s_at	small nuclear ribonucleoprotein 70kD poly btein 70kD polypeptide(RNP antigen) /DB_XRE o:BCO00342.1 gb:R22636.1 gb:R1 003089.1
209092_s_at	
202265_at	1 W 21
203721_s_at	gb:NM 016001.1 /DEF-Homo sapiens CGI-48 protein (LOC51096), mRNA. /FEA-mRNA /GEN-LOC51096 /PROD-CGI-48 protein /DB_XREF-91:7/05/64 /UG-HS.6153 CGI-48 protein /FI-gb:AF151806.1 gb:NM 016001.1
202475_at	iens seven transmembrane domain protein (NIFIE14), mRNA. /FEA-mRNA /GEN-NIFIE14 /PRUN-seven transmembran 153781 /UG-Hs.9234 seven transmembrane domain protein /FL-gb:BC001118.1 gb:NM 006326.
213165_at	Consensus includes gb:AI041204 /FEA=EST /DB_XREF=gi:3280398 /DB_XREF=est:ov77g06.xl /CLONE=IMAGE:1643386 /UG=HS.523/48 Homo Sapiens Cione CDABP0086 mRNA sequence
213198_at	117643.1 /DEF-Homo saplens mRNA; cDNA DKF2p434M245 s mRNA; cDNA DKF2p434M245 (from clone DKF2p434M245)
212837_at	.1 /DEF-Human mRNA for KIAA0157 gene, partial cds. /FEA-mRNA /GEN-KIAA0157 /DB_XREF-g1:96143
206592_s_at	gb:NN 003938.1 / DEF-Homo sapiens adaptor-related protein complex 3, delta 1 subunit (AP3D1), mRNA. /FEA-mRNA /GEN-AF3D1 / PROD-adaptor-related protein complex 3, delta 1 subunit /DB_XREF-gi:4501976 /UG-Hs.75056 adaptor-related protein complex 3, delta 1 subunit /FL-ab:U91930.1 ab:NN 003938.1
212694_s_at	Consensus includes gb:NM_000532.1 /DEF=Homo sapiens propionyl Coenzyme A carboxylase, beta polypeptide (PCCB), nuclear gene encoding mito-chondrial protein, mRNA. / FEA=CDS /GEN=PCCB /PROD=propionyl Coenzyme A carboxylase, betapolypeptide /DB_XREF=gi:4557043 /UG-Hs.63788 propionyl Coenzyme A carboxylase, beta polypeptide /FL=gb:NN 000532.1
211759_x_at	gb:BC005969.1 /DEF=Homo sapiens, clone MGC:14625, mRNA, complete cds. /FEA=mRNA /PROD=Unknown (protein for MGC:14625) /DB_XREE=gi:13543641 /FL=qb:BC005969.1
212714_at	Consensus includes gb:AL050205.1 /DEF-Homo sapiens mRNA; cDNA DKFZp586F1323 (from clone DKFZp586F1323). /FEA-mKNA /DB_XKEF-g1:4884444 /UG-Hs.26613 Homo sapiens mRNA; cDNA DKFZp586F1323 (from clone DKFZp586F1323)
201528_at	Consensus includes gb:BG398414 /FEA-EST /DB_XREF-gi:13291862 /DB_XREF-est:602439888F1 /CLONE-IMAGE:4566380 /UG-Hs.84318 replication profein Al (70kD) /FL-gb:M63488.1 gb:NM 002945.1
211795_s_at	gb:AFI98052.1 /DEF=Homo sapiens EVH1 domain binding protein mRNA, complete cds. /FEA=CDS /PROD=EVH1 domain binding protein /DB XREF=qi:7416992 /UG=Hs.58435 FYN-binding protein (FYB-120130) /FL=gb:AFI98052.1
218633_x_at	gb:NM 018394.1 /DEE-Homo sapiens hypothetical protein FLJ11342 (FLJ11342), mRNA. /FEA-mRNA /GEN-FLJ11342 /PROD-hypothetical protein FLJ11342 /DB XREF-gi:8923000 /UG-Hs.266514 hypothetical protein FLJ11342 /FL-gb:NM 018394.1
200800_s_at	iens heat shock 70kD protein 1A (HSPAIA), mRNA. /FEA=mRNA /GEN=HSPAIA /PROD=heat shock 70kD protein 1A 997 heat shock 70kD protein 1A /FI-=gb:BC002453.1 gb:NN 005345.3
214719_at	Consensus includes gb:AKO26720.1 /DEF-Homo sapiens cDNA: FLJ23067 fis, clone LNG04993. /FEA-mRNA /DB_XREF-gi:10439638 /UG-Hs.11/16/ Homo sapiens cDNA: FLJ23067 fis, clone LNG04993
213655_at	1643 /FEA=EST /DB_XREF=gi:22376
212371_at	
210166 at	nomo Sapiens mines, the professional company of the protein 3 (TIL3) mRNA, complete cds. /FEA-mRNA /GEN-TIL3
	/PROD=rollinterleukin-1 receptor-like protein 3 /DB XREF=gi:3132525 /UG=Hs.114408 toll-like receptor 5 /FL=gb:AF051151.1
217958_at	9b:NM 016146.1 /DEE-Homo sapiens PID009 protein (PID009), mRNA. /FEA-mRNA /GEN-PID009 /PROD-FID009 protein /UB_XREF-gi://Ubbbb.///IIG-He 279901 protein /UB_XREF-gi://Ubbbb.//IIG-He 279901 protein /UB_XREF-gi://Ubbbb.//UB-He 279901 protein /UB-MEND-FID009 protein /Ubbbbb.//UB-He 279901 protein /UB-MEND-FID009 protein /UB-MEND-FID009 protein /Ubbbbb.//UB-He 279901 protein /UB-MEND-FID009 pro

	11.0.11. 0.10001 paradon
	/ud=ns.z/39u1 r1buus protein /FL=gb:AF151862.1 gb:AF078862.1 gb:AF161520.1 gb:NM 016146.1
219269_at	/FEA=mRNA M 024567.1
219574_at	
210183_x_at	gb:AF112222.1 /DEF=Homo sapiens nuclear protein SDK3 mRNA, complete cds. /FEA=mRNA /PROD=nuclear protein SDK3 /DB_XREF=gi:6563229 /UG=Hs.44499 pinin, desmosome associated protein /FL=gb:AF112222.1
211582_x_at	gb:AF000424.1 /DEF=Homo sapiens LST1 mRNA, cLST1C splice variant, complete cds. /FEA-mRNA /GEN=LST1 /DB_XREF=gi:2145063 /UG-Hs.88411 lymphocyte antigen 117 /FL-gb:AF000424.1
212557_at	Consensus includes gb:AB011148.1 /DEF-Homo sapiens mRNA for KIAA0576 protein, partial cds. /FEA-mRNA /GEN-KIAA0576 /PROD-KIAA0576 protein / DB XREF-gi:3043675 /UG-Hs.172329 KIAA0576 protein
213387_at	Consensus includes gb:AB033066.1 /DEF=Homo sapiens mRNA for KIAA1240 protein, partial cds. /FEA=mRNA /GEM=KIAA1240 /PROD=KIAA1240 protein /DB XREF=g1:6330790 /UG-Hs.6256 KIAA1240 protein
218143 <u>s</u> at	iens sec 0030 /UG
211615_s_at	ne-rich protein mRNA, complete cds 2439.1
213359 at	Consensus includes gb:W74620 /FEA-EST /DB XREF-gi:1384833 /DB XREF-est:zd77e04.s1 /CLONE-IMAGE:346686 /UG-Hs.303627 heterogeneous nuclear sibonucleoprotein D (AU-rich element RNA-binding protein 1, 37kD)
217842_at	gb:NM 016019.1 /DEF=Homo sapiens CGI-74 protein (LOC51631), mRNA. /FEA=mRNA /GEN-LOC51631 /PROD=CGI-74 protein /DB_XREF=g1:7706309 /UG-Hs,7194 CGI-74 protein /FL=gb:AF151832.1 gb:NM 016019.1
207170_s_at	gb:NM 015416.1 /DEF-Homo sapiens DKF2P586A011 protein (DKF2P586A011), mRNA. /FEA-mRNA /GEN-DKF2P586A011 /PROD-DKF2P586A011 protein /DB XREF-g1:7661659 /UG-Hs.75884 DKF2P586A011 protein /FL-gb:NM 015416.1
214352 <u>s</u> at	Consensus includes gb:BF613699 /FEA=EST /DB_XREF=g1:11947594 /DB_XREF=est:602136427F1 /CLONE-INAGE:4272774 /UG=Hs.184050 v-Ki-ras2 Kirsten rat sarcoma 2 viral oncogene homolog
218287_s_at	gb:NM 012199.1 /DEF=Homo sapiens eukaryotic translation initiation factor 2C, 1 (EIF2C1), mRNA. /FEA-mRNA /GEN-EIF2C1 /PROD-eukaryotic translation initiation factor 2C, 1 /PB_XREF=g1:6912351 /UG-Hs:14520 eukaryotic translation initiation factor 2C, 1 /FL=gb:AF093097.1 gb:NM 012199.1
204661_at	gb:NM 001803.1 /DEE-Homo sapiens CDM52 antigen (CAMPATH-1 antigen) (CDW52), mRNA. /FEA-mRNA /GEN-CDW52 /PROD-CDW52 antigen (CAMPATH-1 anti-1 gen) /DB XREF-gi:4502160 /UG-Hs.216710 CDW52 antigen (CAMPATH-1 antigen) /FL-gb:BC000644.1 gb:NM 001803.1
205545_x_at	gb:NM 014280.1 /DEE-Homo sapiens splicing factor similar to dnaJ (SPF31), mRNA. /FEA-mRNA /GEN-SPF31 /PROD-splicing factor similar to dnaJ /DB XREF-gi:1657610 /UG-Hs.74711 DnaJ (Hsp40) homolog, subfamily C, member 8 /FL-gb:AF083190.1 gb:NM 014280.1
213750_at	Consensus includes gb:AA928506 /FEA-EST /DB_XREF=gi:3076797 /DB_XREF=est:om17g03.s1 /CLONE=IMAGE:1541332 /UG=Hs.10762 ESTs
221970_s_at	
218684_at	gb:NM 018103.1 /DEF-Homo sapiens hypothetical protein FLJ10470 (FLJ10470), mRNA. /FEA-mRNA /GEN-FLJ10470 /PROD-hypothetical protein FLJ10470 /PE-gb:NM 018103.1
200628_s_at	gb:W61715.1 /DEF-Human tryptophanyl-tRNA synthetase (WRS) mRNA, complete cds. /FEA-mRNA /GEN-WARS /PROD-transfer RNA-Trp synthetase /EL-gb:M71804.1 gb:NA 104184.2
203905_at	poly(A)-specii ionnuclease)
204039_at	nhancer binding p 757971 /UG=Hs.761
63009_at	
211922_s_at	gb:AY028632.1 /DEF-Homo sapiens catalase (CAT) mRNA, complete cds. /FEA-CDS /GEN-CAT /PROD-catalase /DB_XREF-g1:13562131 /FL-gb:AY028632.1
212861_at	Consensus includes gb:BF690150 /FEA-EST /DB_XREF=gi:11975558 /DB_XREF=est:602186478T1 /CLONE=IMAGE:4298635 /UG=HS.19210 ESTs

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206/15_at	at	gb:NM 012252.1 /DEF-Homo sapiens transcription factor EC (TFEC), mRNA. /FEA=mRNA /GEN=TFEC /PROD=transcription factor EC /DB XREF=gi:6912701 /UG-Hs.113274 transcription factor EC /FL-ab:D43945.1 ab:NM 012252 1
213123	at	09 /FEA=EST /DB_XREF=g1:8910027 /DB_XREF=est:F
204049_s_at	s_at	gb:NM 014721.1 /DEF-Homo sapiens KIAA0680 gene product (KIAA0680), mRNA. /FEA=mRNA /GEN=KIAA0680 /PROD=KIAA0680 gene product /DB XREF=gi:1662247 /UG-Hs.102471 KIAA0680 gene product /FL=ch:AB0145R0) ch:NM 014721 1
201985_at	at	iens KIAA0196 gene product (KIAA0196), mRNA. 294 KIAA0196 gene product /FL-ab:087301 dh:
208773_s_at	sat	9b:AL136943.1 / DEF-Homo sapiens mRNA; cDNA DKE2p58661024 (from clone DKEZp58661024); complete cds. /FEA-mRNA /GEN-DKFZp58661024 (PROD-hypothetical protein /DB XREF-q1:12053380 /UG-Hs.301226 KIAA1085 protein /FI-ch.nl/3604 1
219563_	at	gb:NM 024633.1 /DEF-Homo sapiens hypothetical protein FLJ21276 (FLJ21276), mRNA. /FEA-ENRA /GEN-FLJ21276 /PROD-hypothetical protein FLJ21276 /FEA-ENRA /GEN-FLJ21276 /PROD-hypothetical protein FLJ21276 /FIA-NA 034633 1
218501	at	
212833_	_at	Consensus includes gb:M74089.1 /DEF-Human TB1 gene mRNA, 3 end. /FEA-mRNA /GEN-TB1 /DB_XREF-gi:182400 /UG-Hs.75639 Human TB1 gene mRNA, 3 end
209623	at	Consensus includes gb:AW439494 /FEA=EST /DB XREF=gi:6974800 /DB XREF=est:xt19c01.x1 /CLONE=INAGE:2779584 /UG=Hs.167531 methylcrotonoyl- Coenzyme A carboxylase 2 (beta) /FL=gb:AB050049.1 gb:AF310971.1 gb:AF301000.1 db:NM 022137 2
209969	s_at	ns, Similar to signal transducer and activator of transgnal transducer and activator oftranscription 1, 91kD /91kD /FL=gb:BC002704.1
219966_x_at	x_at	
213275_x_at	x_at	i m '
210231_x_at	×_at	gb:D45198.1 /DEE-Human mRNA for template acyivating factor-I alpha, complete cds. /FEA-mRNA /GEN-set /PROD-template acyivating factor-I alpha /DB XREF-gi:971271 /UG-Hs.145279 SET translocation (myeloid leukemia-associated) /FI-ch:n4519R 1
212474_at	at	Consensus includes gb:D87682.1 /DEF-Human mRNA for KIAA0241 gene, partial cds. /FEA-mRNA /GEN-KIAA0241 /DB_XREF-gi:1663699 /UG-Hs.150275 KIAA0241 protein
208717_at	at at	gb:BC001669.1 /DEF-Homo sapiens, Similar to oxidase (cytochrome c) assembly 1-like, clone MGC:2171, mRNA, complete cds. /FEA-mRNA / PROD-Similar to oxidase (cytochrome c) assembly1-like /DB_XREF-g1:12804516 /UG-Hs.151134 oxidase (cytochrome c) assembly 1-like /FL-gb:BC001669.1 qb:NM 005015.1
217527_s_	s_at	Consensus includes gb:AI478300 /FEA-EST /DB XREF-q1:4371526 /DB XREF-est:tm39e01.x1 /CLONE-INAGE:2160504 /UG-Hs.192789 ESTs, Weakly similar to ALU6 HUMAN ALU SUBFAMILY SP SEQUENCE CONTANINATION WARNING ENTRY H.sapiens
	sat	gb:NM 024715.1 /DEF-Homo sapiens hypothetical protein FLJ22625 (FLJ22625), mRNB. /FER-mRNB /GEN-FLJ22625 /PROD-hypothetical protein FLJ22625 /FL-db:NM 024715.1
200892	's_at	Drosophila homolog) 10, clone MGC:84: Drosophila homolog) 10 / DB XREF=qi:12653362 /UG=1
201798_s	at	gb:NM 013451.1 /DEF-Homo sapiens fer-1 (C.elegans)-like 3 (myoferlin) (FERLI3), mRNA. /FEA-mRNA /GR-FERLI3 /FROM-FERLI3 /FROM-FERLI3 /FROM-FERLI3 /FROM-FERLI3 /FROM-FERLI3 /FROM-FERLI3 /FROM-FERLIA (C.elegans)-like 3 (myoferlin) /DB XREF-gi:7305052 /UG-Hs.234680 fer-1 (C.elegans)-like 3 (myoferlin) /FE-ob:AF181316.1 ob:NM 013451 1
202529_at		oribosyl pyrophosphate synthetas tase-associated protein 1 /DB_XF :NM 002766.1
208897	s_at	gb:BC003360.1 /DEF-Homo sapiens, DEADM (Asp-Glu-Ala-AspHis) box polypeptide 18 (Myc-regulated), clone NGC:5316, mRNA, complete cds. /FEA-mRNA /PROD-DEADM (Asp-Glu-Ala-AspHis) box polypeptide 18 (Myc-regulated) /DB_XREF-gi:13097182 /UG-Ms.100555 DEADM (Asp-Glu-Ala-AspHis) box polypeptide 18 (Myc-regulated) /FL-gb:BC001238.1 gb:BC003360.1
210296_s_at	s_at	gb:BC005375.1 /DEF-Homo sapiens, peroxisomal membrane protein 3 (35kD, Zellweger syndrome), clone NGC:12491, mRNA, complete cds. /FEA-mRNA/PROD-peroxisomal membrane protein 3 (35kD, Zellwegersyndrome) /DB_XREF-g1:13529226 /UG-Hs.180612 peroxisomal membrane protein 3 (35kD, Zellweger syndrome) /FL-gb:BC005375.1
212460_at		Consensus includes gb:BE738425 /FEA-EST /DB_XREF-gi:10152417 /DB_XREF-est:601572441T1 /CLONE-INAGE:3839147 /UG-Hs.241507 ribosomal protein S6

211800_s_at	ns deubiguitinating enzyme UnpES (UNP) mRNA, complete cds. /FEA=CDS /GEN=UNP /PR ic protease 4 (proto-oncogene) /FL=gb:AF017306.1
202850_at	
212202_s_at	2 /FEA-EST /DB_XREF=g1:13455486 /DB_XREF=est:602542252F1 /CLONE=IMAGE:46
209337_at	ns lens epithelium-derived growth factor mRNA, complete cds. /FEA-mRNA /FROD-lens epithelium-derived IG-Ks.82110 PC4 and SFRS1 interacting protein 1 /FL-gb:NM 021144.1 gb:AF063020.1
207616_s_at	ens TRAF family member-associated NFKB activator (TANK), mRNA. /FEA-mRNA /GEN-TANK /PROD-TRAF . XREF-gi:4159249 /UG-Hs.146847 TRAF family member-associated NFKB activator /FL-gb:U63830.1 gf
204630_s_at	
209422_at	5-1121G12 on chromosome 20 Contains th and a putative novel protein containi cal protein DKE2p434F0272 /FL=gb:AY02
203658_at	/DEF=Homo sapiens, carnitineneacylcarnitine translocase -gb:BC001689.1 gb:NM 000387
212015_x_at	
222122_s_at	<u>.</u>
202171_at	<pre>15 /FEA=EST /DB_XREF=gi:11007796 /DB_XREF=est .1</pre>
210460_s_at	ns mRNA for pUb-R5, complete cds. /FEA=mRNA /GEN=hpUb-R5 /PROb=p 26S subunit, non-ATPase, 4 /FI-gb:AB033605.1
207551_s_at	/DB
201104_x_at	RNA /GEN=DJ328E19.Cl.1 /PROD=hypothetical prot
200812_at	iens chaperonin containing ' EF=gi:5453606 /UG=Hs.108809
203494_s_at	iens KIAA0092 gene product (KIAA0092), mRNA. /FEA-mRNA /GEN-KIAA0092 /PROD-KIAA0092 gene product 51791 KIAA0092 gene product /FI-gb:D42054.1 gb:NM 014679.1
202127_at	Consensus includes gb:AB011108 1 /DEF=Homo sapiens mRNA for KIAA0536 protein, partial cds. /FEA-mRNA /GEN=KIAA0536 /PROD=KIAA0536 protein / DB XREF=g1:3043595 /UG=Hs.198891 serinethreonine-protein kinase PRP4 homolog /FI-gb:U48735.1 gb:NM 003913.1
212532_s_at	<pre>=est:ho62c10.x1 /CLONE=IMAGE:3041970 /UG=Hs.15</pre>
218357_s_at	gb:NM 012459.1 /DEF-Homo sapiens translocase of inner mitochondrial membrane 8 (yeast) homolog B (TIMM8B), mRNA. /EEA-mRNA /GEN-TIMM8B / PROD-translocase of inner mitochondrial membrane 8(yeast) homolog B /DB_XREF-gi:6912711 /UG-Hs.279915 translocase of inner mitochondrial
	50087.1 gb: AF152350.1 gb: NM 012459.1
208847_s_at	ا، ما
207730_x_at	iens hypothetical protein FLJ20700 (FLJ20700), mRNA. /FEA-mRN /UG-Hs.272222 hypothetical protein FLJ20700 /FI-gb:NM 017932
212896_at	2 /DEF=Homo sapiens mRNA for KIAA0052 protein, partia 608 KIAA0052 protein
203156_at	hase anchoring protein 220 (LOC51707), mRNA. /FEA-mRNP. A kinase (FRKA) anchor protein 11 /FL-gb:AF176555.1 g
220066_at	gb:NM 022162.1 /DEF=Homo sapiens NOD2 protein (NOD2), mRNA. /FEA=mRNA /GEN=NOD2 /PROD=NOD2 protein /DB_XREF=gi:11545911 /UG=Hs.135201 NOD2 Drotein /DB_XREF=gi:11545911 /UG=Hs.135201 /U

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218583_s_at	GD:NM_020640.1 /DEF=Homo sapiens RP42 homolog (RP42), mRNA. /FEA-mRNA /GEN-RP42 /PROD-RP42 homolog /DB_XREF-gi:10190677 /UG-Hs.104613 RP42 homolog /EL-gb:NM 020640.1 gb:AF292100.2
221689_s_at	gb:AB035145.1 /DEF-Homo sapiens mRNA for DSCR5b, complete cds. /FEA-mRNA /GEN-DSCR5b /PROD-DSCR5b /DE_XREF-gi:7798596 /UG-Hs.66493 Down syndrome critical region gene 5 /FL-gb:AB035745.1 gb:AB037163.1 qb:AF237812.1
205412_at	gb:NN 000019.1 /DEF=Homo sapiens acetyl-Coenzyme A acetyltransferase 1 (acetoacetyl Coenzyme A thiolase) (ACATI), nuclear gene encoding mitochondrial protein, mRNA. /FEA=mRNA /GEN=ACATI /PROD=acetyl-Coenzyme A acetyltransferase 1 precursor /DB_XREF=gi:4557236 /UG=HS.37 acetyl-Coenzyme A acetyl-Coenzyme A thiolase) /Fi=ch:NM nnon19 1
202542_s_at	1 inducible cytokine subfamily E, m kine subfamily E, member 1 /DB XREI ing) /FL-cb;NN 004757 1 ch;[[10]17]
202521_at	
204391_x_at	gb:NM 015905.1 /DEF=Homo sapiens transcriptional intermediary factor 1 (TIF1), mRNA. /FEA=mRNA /GEN=TIF1 /PROD=transcriptional intermediary factor 1 /FL=gb:AF009353.1 gb:AF119042.1 gb:NM 003852.1 gb:NM 015905.1
214733_s_at	Consensus includes gb:AL031427 /DEF=Human DNA sequence from clone 167A19 on chromosome 1p32.1-33. Contains three genes for novel proteins, the DIO1 gene for type I iodothyronine deiodinase (EC 3.8.1.4, TXDI1, ITDI1) and an HNRNP A3 (Heterogenous Nuclear Ribonucleoprotein A3, FERA-mRNA 6 /DB XREF-g1:4835258 /UG-HS.11923 hypothetical protein
217864_s_at	gb:NM 016166.1 /DEF=Homo sapiens DEADH (Asp-Glu-Ala-AspHis) box binding protein 1 (DDXBPI), mRNA. /FEA=mRNA /GEN=DDXBPI /PROD=DEADH: (Asp-Glu-Ala-AspHis) box binding protein 1 /FL=gb:AFF077951.1 gb:AFF07160.1 gb:NM 016166.1
212904_at	Consensus includes gb:AB033011.1 /DEF-Homo sapiens mRNA for KIAA1185 protein, partial cds. /FEA-mRNA /GEN-KIAA1185 /PROD-KIAA1185 protein / DB XREF-qi:6330301 /UG-Hs.268488 KIAA1185 protein
202126_at	Consensus includes gb: AA156948 /FEA=EST /DB XREF=g1:1728563 /DB XREF=est:z119f02.s1 /CLONE=IMAGE:502395 /UG-Hs.198891 serinethreonine-protein kinase PRP4 homolog /FL=qb:U48736.1 qb:NM 003913.1
203484_at	gb:NN 014302.1 /DEF=Homo sapiens Sec61 gamma (SEC61G), mRNA. /FEA=mRNA /GEN=SEC61G /PROD=Sec61 gamma /DB_XREF=g1:7657545 /UG-Hs.9950 Sec61 gamma /FL=gb:AF054184.1 gb:NM 014302.1
203345_s_at	Consensus includes gb:AI566096 /FEA=EST /DB_XREF=gi:4524548 /DB_XREF=est:tn53d02.x1 /CLONE=INAGE:2172099 /UG=Hs.31016 putative DNA binding protein /FL=gb:AF072814.1 gb:NM 007358.1
213238_at	Consensus includes gb:AI478147 /FEA-EST /DB_XREF-g1:4371373 /DB_XREF-est:tm34f06.x1 /CLONE-IMAGE:2160035 /UG-Hs.173540 ATPase, Class V, Eype 10D
202680_at	gb:NM 002095.1 /DEF-Homo sapiens general transcription factor IIE, polypeptide 2 (beta subunit, 34kD) (GTF2E2), mRNA. /FEA-mRNA /GEN-GTF2E2 /PROD-general transcription factor IIE, polypeptide 2 (beta subunit, 34kD) /DB_XREF-gi:4504194 /UG-Hs.77100 general transcription factor IIE polybeptide 2 (beta subunit. 34kD) /FI-cd:NM 002045
218117_at	/DEF-Homo sapiens rin 5.1 gb:AF140598.1 gb:A
218768_at	S 2
202271_at	Consensus includes gb:AB007952.1 /DEE-Homo sapiens mRNA for KIAA0483 protein, partial cds. /FEA-mRNA /GEN-KIAA0483 /PROD-KIAA0483 protein /DB XREF-gi:3413925 /UG-Hs.64691 KIAA0483 protein /FL-gb:NM 015176.1
218543_s_at	ns/
203146_s_at	(GABA) B receptor, 1 (GABBR1), tra a precursor /DB_XREF=gi:10835014
218140_x_at	gb:NN 021203.1 /DEF-Homo sapiens APMCF1 protein (APMCF1), mRNA. /FEA=mRNA /GEN=APMCF1 /PROD=APMCF1 protein /DB_XREF-gi:10864014 /UG-HS.12152 APMCF1 protein /DB_XREF-gi:10864014
40420_at	Cluster Incl. AB015718:Homo sapiens lok mRNA for protein kinase, complete cds /cds=(50,2956) /gb=AB015718 /gi=4001687 /ug=Hs.16134 //len=4221

209971_x_at	200
48580 at	=
202416_at	<pre>zricopeptide repeat domain 2 (TTC2), mRNA. /FEA-mRNA /GEN-TTC2 /PROD-tetratricopeptide re (Hsp40) homolog, subfamily C, member 7 /FL-gb:U46571.1 gb:NM 003315.1</pre>
211727_s_at	ins, COX11 (yeast) homolog, cytochrome c oxidase assembly protein, clone MGC:14469, mRNA, complete homolog, cytochrome c oxidaseassembly protein (DB XREF=g1:13543474 /FL=gb:BC005895.1
202125_s_at	<pre>gb:NN 015049.1 /DEF-Homo sapiens amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3 (ALS2CR3), mRNA. /FEA-mRNA /GEN-ALS2CR3 /PROD-amyotrophic lateral sclerosis 2 (juvenile)chromosome region, candidate 3 /DB_XREF-gi:13027379 /UG-Hs.154248 amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3 /FL-gb:NB038951.1 gb:NM 015049.1</pre>
209451_at	I-TRAF mRNA, complete cds. /FEA-mRNA /PROD=I-TRAF /DB_XREF=gi:151 159863.1
209440_at	ins, phosphoribosyl pyrophosphate synthetase 1, clone MGC:2256, mRNA, complete cds. /FEA=mRNA sphate synthetase 1 /DB_XREF=g1:12804406 /UG=Hs.56 phosphoribosyl pyrophosphate synthetase 1 /
218189_s_at	iens N-acetylneuraminic acid phosphate synthas phosphate synthäse /DB_XREF-gi:12056472 /UG-H jb:BC000008.1 gb:AF257466.1
200947_s_at	giutamate dehydrogenase 1 (GLUD1), mRNA. /FEA=mRNA /GEN=GLUD1 /FROD=glutamate dehydrogenase 1 glutamate dehydrogenase 1 /FL=gb:J03248.1 gb:M37154.1 gb:M20867.1 gb:NM 005271.1
202798_at	gb:NM 006323.1 /DEF=Homo sapiens SEC24 (S. cerevisiae) related gene family, member B (SEC24B), mRNA. /FEA=mRNA /GEN=SEC24B /PROD=SEC24 (S. cerevisiae) related gene family, member B /DB_XREF=gi:5454045 /UG=Hs.7239 SEC24 (S. cerevisiae) related gene family, member B /DB_XREF=gi:5454045 /UG=Hs.7239 SEC24 (S. cerevisiae) related gene family, member B //FL=gi:5454045 /UG=Hs.7239 SEC24 (S. cerevisiae) related gene family, member B
205323_s_at	iens metal-regulatory transcription factor 1 (MTF1), mRNA. /FEA-mRNA /GEN-MTF1 /PROD-metal-regula gi:5174588 /UG-Hs:211581 metal-regulatory transcription factor 1 /FL-gb:NM 005955.1
212622_at	Consensus includes gb:N64760 /FEA=EST /DB_XREF=gi:1212589 /DB_XREF=est:yz30c06.sl /CLONE=IMAGE:284554 /UG=Hs.174905 KIAA0033 protein
212033_at	EF=gi:10809003 /D
218919_at	EA-mRNA /GEN-FLJ14007 / 024699.1
209271_at	JB:AB032251.1 /DEE-Homo sapiens BPTF mRNA for bromodomain PHD finger transcription factor, complete cds. /FEA-mRNA /GEN-BPTF /PROD-bromodomain PHD finger transcription factor /DB XREF-gi:6683491 /UG-Hs.99872 fetal Alzheimer antigen /FL-gb:AB032251.1
213322_at	Consensus includes gb: AL031778 / DEF-Human DNA sequence from clone 34B21 on chromosome 6p12.1-21.1. Contains part of a gene for a novel
	gene for a novel BZRP (periphera n chromosome 6p12.1-21.1. Contai
	JPI) and UNCS Homologs, the gene for a novel BZRP
221895_at	Consensus includes gb: AW469184 /FEA=EST /DB_XREF=gi:1039290 /DB_XREF=est:hc78g04.xl /CLONE=IMAGE:2898870 /UG=Hs.65406 ESTs
217760_at	80 /FEA-EST /DB_XREF-g1:1757929 /DB_XREF-est:zp32a10.s1 /CLONE-INAGE:611130 /UG-#
201448_at	EA-EST /DB_XREF=gi:5434493 /DB_XREF=est:DKFZp434N247_s1 /CLONE-DKF2p434N247 /UG-Hs.239489 T otein /FL-gb:NM 022037.1 gb:M77142.1
218465_at	hypothetical protein FLJ10525 (FLJ10525), mRNA. /FEA-mRNA /GEN-FLJ10525 /FROD-hypothetical protei HS.31082 hypothetical protein FLJ10525 /FL=gb:BC000948.1 gb:NN 018126.1
212880_at	Consensus includes gb:AB011113.1 / DEF-Homo sapiens mRNA for KIAA0541 protein, partial cds. /FEA-mRNA /GEN-KIAA0541 /PROD-KIAA0541 protein / DB .KREF-q1:3043605 /UG-Hs.10881 WD repeat domain 7
218142_s_at	protein x 0001 (LOC51185), mRNA. /FEA-mRNA /GEN-LOC51185 /PROD-protein x 0001 /DB_XRE b:NN 016302.1 gb:AF117230.1
202078_at	qb:NM 003653.1 /DEF=Homo sapiens COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 3 (COPS3), mRNA. /FEA-mRNA /GEN=COPS3 / PROD=COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 3 /DB XREF-gi:4502974 /UG-Hs.6076 COP9 (constitutive photomorpho-

	genic, Arabidopsis, homolog) subunit 3 /FL=gb:BC001891.1 gb:AF031647.1 gb:NM_003653.1 gb:AF098109.1
219069_at	gb:NM 017704 1 /DEF-Homo sapiens hypothetical protein FLJ20189 (FLJ20189), mRNA. /FEA-mRNA /GEN-FLJ20189 /PROD-hypothetical protein FLJ20189 /DB XREF-gi:8923180 /UG-Hs.29052 hypothetical protein FLJ20189 /FEL-dp:NM 017704.1
218333_at	iens CGI-101 protein (LOC51009), mRNA. /FEA= n /FL=qb:AF132289.1 qb:AF151859.1 qb:NM 0160
213082_s_at	Consensus includes gb:AJ005866.1 /DEF=Homo sapiens mRNA for putative Sqv-7-like protein, partial. /FEA=mRNA /PROD=Sqv-7-like protein / DB XREF=gi:4008516 /UG-HS.90078 nucleotide-sugar transporter similar to C. elegans sqv-7
221452_s_at	gb:NM 030969.1 /DEF-Homo sapiens hypothetical protein MGC1223 (MGC1223), mRNA. /FEA=CDS /GEN=MGC1223 /PROD=hypothetical protein MGC1223 / DB XREF=gi:13624338 /FL=gb:NM 030969.1
213733_at	Consensus includes gb:BF740152 /FEA-EST /DB_XREF=gi:12066828 /DB_XREF=est:7n13g08.x1 /CLONE=IMAGE:3564495 /UG-Hs.121555 myosin IE
201225_s_at	gb:NM_005839.1 /DEF-Homo saplens SerArg-related nuclear matrix protein (plenty of prolines 101-like) (SRM160), mRNA. /FEA-mRNA /GEN-SRM160 / PROD=SerArg-related nuclear matrix protein (plenty of prolines 101-like) /DB_XREF=gi:5032118 /UG-Hs.18192 SerArg-related nuclear matrix brotein (plenty of prolines 101-like) /FL-qb:AF048977.1 qb:NM 005839.1
219392_x_at	piens hypoth 1 /UG-Hs.27
219212_at	ock protein hsp70-related protein 3047093 /UG-Hs.44581 heat shock p
217907_at	gb:NN 014161.1 /DEF=Homo sapiens HSPC071 protein (HSPC071), mRNA. /FEA=mRNA /GEN-HSPC071 /PROD=HSPC071 protein /DB_XREF=gi:7661777 /UG=HS.23038 HSPC071 protein /FL=gb:AL136633.1 gb:RF161556.1 gb:NM 014161.1
200727_s_at	83 /FEA=EST /DB XREF=g1:2703730 /DB XREF=est:zi est) homolog /FL=gb:AF006082.1 gb:NM 005722.1
209068_at	s mRNA for A+U-rich element UG=Hs.170311 heterogeneous r
46256_at	Cluster Incl. AA522670:ni39a05.sl Homo sapiens CDNA, 3 end /clone=INAGE-979184 /clone_end=3 /gb=AA522670 /gi=2263382 /ug=Hs.7247 /len=684
218068_s_at	gb:NN 024836.1 /DEF-Homo sapiens hypothetical protein FLJ22301 (FLJ22301), mRNA. /FEA-mRNA /GEN-FLJ22301 /PROD-hypothetical protein FLJ22301 /PB XREF-gi:13376246 /UG-Hs.181406 hypothetical protein FLJ22301 /FL-gb:NN 024836.1
208843_s_at	ens, clone NGC:1233, mRNA, complete cds. /FEA=nein /FL=gb:BC001408.1
202869_at	2,5-oligoadenylate synthetase 1 (40-46 kD) e 1, isoform E18 /DB_XREF=gi:8051620 /UG=Hs
213546_at	Consensus includes gb:AL050378,1 /DEF-Homo sapiens mRNA; cDNA DKF2p58611420 (from clone DKF2p58611420); partial cds. /FEA-mRNA /GEN-DKF2p58611420 /PROD-hypothetical protein /DB_XREF-gi:4914581 /UG-Hs.112423 Homo sapiens mRNA; cDNA DKF2p58611420 (from clone DKF2p58611420); partial cds
214789_x_at	Consensus includes gb:AA524214 /FEA-EST /DB_XREF=g1:2265202 /DB_XREF=est:ng34d08.sl /CLONE=INAGE:936687 /UG-Hs.155160 Splicing factor, archineserine-rich, 46kD
213649_at	Consensus includes gb:AA524053 /FEA-EST /DB_XREF-gi:2264981 /DB_XREF-est:ng33b07.s1 /CLONE-IMAGE:936565 /UG-Hs.184167 splicing factor, arginineserine-rich 7 (35kD)
212251_at	Consensus includes 9b:A1972475 /EEA-EST /DB_XREF-q1:5769391 /DB_XREF-est:wr40b09.x1 /CLONE-INAGE:2490137 /UG-Hs.243901 Homo sapiens CDNA FLJ20738 fis, clone HEP08257
209166_s_at	<pre>gb:U68567.1 /DEF=Human lysosomal acid alpha-mannosidase mRNA, complete cds. /FEA=mRNA /PROD=lysosomal acid alpha-mannosidase //DB_XREF=gi:1658373 /UG=Hs.279854 mannosidase, alpha, class 2B, member 1 /FL=gb:NM_000528.1 gb:BC000736.1 gb:U05572.1 gb:U68567.1 gb:U60266.1</pre>
200683_s_at	Consensus includes gb:BE964689 /FEA=EST /DB_XREF=g1:11768267 /DB_XREF=est:601658226R1 /CLONE=IMAGE:3885630 /UG=Hs 108104 ubiquitin- conjugating enzyme E2L 3 /FL=gb:NM 003347.1
219913_s_ar	gb:NM 016652.2 /DEF=Homo sapiens CGI-201 protein (LOC51340), mRNA. /FEN=mRNA /GEN=LOC51340 /PROD=CGI-201 protein /DB_XREF=g1:11072090 /UG=H5.268281 crooked neck protein (crn) /FL=gb:AF255443.2 gb:NM 016652.2 gb:AF318302.1
218104_at	gb:NN 017146.1 /DEF=Homo sapiens hypothetical protein FLJ20287 (FLJ20287), mRNA. /FEA=mRNA. /GEN=FLJ20287 /PROD=hypothetical protein FLJ20287 /FL=gb:NN 017746.1 FLJ20287 /DB XREF=g1:8923268 /UG=Hs.26369 hypothetical protein FLJ20287 /FL=gb:NN 017746.1

212345_s_at	Consensus includes gb:BE675139 /FEA-EST /DB_XREF-gi:10035680 /DB_XREF-est;7f03b12.x1 /CLONE-IMACE:3293567 /UG-Hs.13659 hypothetical protein pKE2p586F2423
213982_s_at	Consensus includes gb:BG107203 /FEA-EST /DB_XREF-gi:12601049 /DB_XREF-est:602290933F1 /CLONE=INAGE:4385577 /UG-Hs.242271 KIAA0471 gene product
202519_at	gb:NM_014938.1 /DEF-Homo sapiens KIAA0867 protein (MONDOA), mRNA. /FEA-mRNA /GEN-MONDOA /PROD-MondoA protein /DB_XREF-g1:7662347 /UG-Hs.52081 KIAA0867 protein /FL-gb:AB020674.1 gb:NM 014938.1
202892_at	gb:NM 004661.1 /DEF-Homo sapiens CDC23 (cell division cycle 23, yeast, homolog) (CDC23), mRNA. /FEA-mRNA /GEN-CDC23 /PROD-cell division cycle 23, yeast homolog; CDC23 /DB XREF-gi:4757947 /UG-Hs.153546 CDC23 (cell division cycle 23, yeast, homolog) /FL-gb:AF053977.1 gb:AB011472.1 gb:NM 004661.1 gb:AF191341.1
213876_x_at	Consensus includes gb:AW089584 /FEA-EST /DB XREF-g1:6046928 /DB XREF-est:xd20f04.x1 /CLONE-IMAGE:2594335 /UG-Hs.171909 U2 small nuclear ribonucleoprotein auxiliary factor, small subunit 2
202054_s_at	
217776_at	ns androgen-regulated short-chain dehydrogenasereductase 1 (ARSDR1) mRNA, complete cds. /FEA-mR t-chaindehydrogenasereductase 1 /DB_XREF-gi:9622123 /UG-Hs.119817 CGI-82 protein /FL-gb:BC000112 gb:AF167438.1
208758_at	gb:D89976.1 /DEF=Homo sapiens mRNA for 5-aminoimidazole-4-carbozamide ribonucleotide transformylase, complete cds. /FEA=mRNA / PROD=5-aminoimidazole-4-carboxamide ribonucleotidetransformylase /DB XREF=g1:2317691 /UG=Hs.90280 5-aminoimidazole-4-carboxamide ribonucleotide formyltransferaseIMP cyclohydrolase /FL=gb:U37436.1 gb:D82348.1 gb:D89976.1 gb:NA 004044.1
212749_s_at	Consensus includes gb:AIO96477 /FEA-EST /DB_XREF-gi:3445971 /DB_XREF-est:qa03c06.xl /CLONE-IMAGE:1685674 /UG-Hs.48297 DKF2P586C1620 protein
200890_s_at	Consensus includes gb:AW006345 /FEA-EST /DB_XREF-gi:5855123 /DB_XREF-est:wt04d05.xl /CLONE-IMAGE:2506473 /UG-Hs.250773 signal sequence receptor,
	:NM 003144.2
211675_s_at	ns HIC protein isoform p40 and HIC protein isof p40 /DB XREF=g1:3426297 /FL=gb:AF054589.1
206792_x_at	gb:NM_000923.1 / DEF=Homo sapiens phosphodiesterase 4C, CAMP-specific (dunce (Drosophila)-homolog phosphodiesterase E1) (PDE4C), mRNA. **FER=MRNA /GEN=PDE4C / FROD=phosphodiesterase 4C, CAMP-specific (dunce(Drosophila)-homolog phosphodiesterase E1) / DB_XREF=gi:4505664
į.	ila)-homolog phosphodiesterase El)
210718_at	gb:NM 016205.1 /DEE-Homo sapiens platelet derived growth factor C (PDGFC), mRNA. /FEA-mRNA /GEN-PDGFC /PROD-secretory growth factor-like protein fallotein /DB_XREF-gi:9994186 /UG-Hs.43080 platelet derived growth factor C /FL-gb:AF091434.1 gb:AF244813.1 gb:AB033831.1 gb:NN 016205.1
201742_x_at	gb:NM_006924.1 /DEF=Homo sapiens splicing factor, arginineserine-rich 1 (splicing factor 2, alternate splicing factor) (SFRSI), mRNA. /FEA=mRNA /GEN=SFRSI /PROD=splicing factor, arginineserine-rich 1(splicing factor 2, alternate splicing factor) /DB XREF=gi:5902075 /VG=Hs.73737 splicing factor, arginineserine-rich 1 (splicing factor 2, alternate splicing factor) /FL=cb:M69040 1 ob:NN 006674
218622_at	
212176_at	Consensus includes gb:AA902326 /EEA-EST /DB_XREF-gi:3037233 /DB_XREF-est:0:92b01.sl /CLONE-IMAGE:1521385 /UG-Hs.18368 DKF2P564B0769 protein
218970_s_at	gb:NM 015960.1 /DEE-Homo sapiens CGI-32 protein (LOC51076), mRNA. /FEA-mRNA /GEN-LOC51076 /PROD-CGI-32 protein /DB_XREF-91:7705727 / UG-Hs.16606 CGI-32 protein /FL-gb:AF132966.1 gb:NM 015960.1
201696_at	gb:NM_005626.1 /DEF=Homo sapiens splicing factor, arginineserine-rich 4 (SFRS4), mRNA. /FEA=mRNA /GEM=SFRS4 /PROD=splicing factor, arginineserine-rich 4 /FL=gb:BC002781.1 gb:L14076.1 gb:NM 005526.1
222103_at	5 -i
204036_at	5 /FEA=EST /DB_XREF=gi:6656365 /I d G-protein-coupled receptor, 2 /
	gb:NM 016305.1 /DEF=Homo sapiens kiaa-iso protein (LOC51188), mRNA. /FEA=mRNA /GEN=LOC51188 /PROD=kiaa-iso protein /DB_XREF=gi:10047103 /UG-Hs.9774 kiaa-iso protein /EL=gb:NM 016305.1 gb:AF201950.1
209654_at	gb:BC004902.1 /DEF=Homo sapiens, clone MGC:4271, mRNA, complete cds. /FEA=mRNA /PROD=Unknown (protein for MGC:4271) /DB_XREF=gi:13436178 /UO-Hs.5070 KIAA0947 protein /FL=gb:BC004902.1

	209083_at	gb:U34690.1 /DEF=Human coronin-like protein (HCORO1) mRNA, complete cds. /FEA=mRNA /GEN=HCORO1 /PROD=coronin-like protein
	221873_at	Consensus includes gb:AWI62015 /FEA-EST /DB_XREF-gi:6301048 /DB_XREF-est:au72d09.xl /CLONE-IMAGE:2781809 /UG-Hs.154095 zinc finger protein 143 (clone pHz-1)
	213573_at	Consensus includes gb:AA861608 /FEA-EST /DB_XREF-gi:2953748 /DB_XREF-est:ak34e01.s1 /CLONE-IMAGE:1407864 /UG-Hs:180446 karyopherin (1m-portin) beta 1
	209580_s_at	9b.AF114784.1 /DEF-Homo sapiens methyl-CpG binding endonuclease (MED1) mRNA, complete cds. /FEA-mRNA /GEN-MED1 /PROD-methyl-CpG binding endonuclease /DB XREF-gi:4539758 /UG-Hs.35997 methyl-CpG binding domain profesh 4 /FI-ch:br672756 1 ch:hm.on305 1 ch:h
	219097_x_at	502747), MRNA. /FEA-mRNA /GEN-MCG2747 / PROD=hypoth FL-cb: FG01680 1 ch- PG00148 1 ch- NM 024104 1
	206513_at	9b;NN 004833.1 /DEF-Womo sapiens absent in melanoma 2 (AIM2), mRNA. /FEA-mRNA /GEN-AIM2 /PROD-absent in melanoma 2 /DB_XREF-gi:4757733 /UG-HS.105115 absent in melanoma 2 /FL-gb:AF024714.1 qb:NN 004833.1
	209268_at	SUS V
	219329_s_at	sapiens apoptosis related protein APR-3 (APR-3), mRNA. /EEA-mRNA /GEN-APR-3
	- 1	optosis related protein
	202051_s_at	gb:NM 005095.1 /DEF=Homo sapiens zinc finger protein 262 (ZNF262), mRNA. /FEA=mRNA /GEN=ZNF262 /PROD=zinc finger protein 262 /OB XREF=gi:4827068 /
٠		UG-Hs.150390 zinc finger protein 262 /FL-gb:AB007885.1 gb:NM 005095.1
	200/49_at	Consensus includes gb:BF112006 /FEA-EST /DB XREF-gi:10941619 /DB XREF-est:7137e05.x1 /CLONE-IMAGE:3523665 /UG-HS.10842 RAN, member RAS
		1 gb: BC004272
	213373_s_at.	83 /FEA=EST /DB_XREF=gi:11452500 /DB_XREF=est:nac
	212673_at	Consensus Includes gb:D42084.1 /DEF-Human mRNA for KIAA0094 gene, partial cds. /FEA-mRNA /GEN-KIAA0094 /DB_XREF-gi:577314 /UG-H5.82007
	201771 at	lens secretory carrier membrane protein 3 (SCRMP3), mBNA /FEAmmana /resu-scauso /resu-scauso
		ne protein 3 /DB_XREF=gi:5032076 /UG-Hs.200600 secretory carrier membrane protein 3 /FL=gb:BC000161.2 gb:EC005135.1 gb:AF005039.1 gb:NN 005698.1
	209607_x_at	sulfotransferase (
		renoctuatinotabile (monodining, in lutar) phenoisulfortansferase /UB XXEF*q1:468256 /UG=Hs.274614 sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3 /FL=qb:NM 003166.1 qb:L19956.1 qb:U034199.1 qb:U08032.1
	217317_s_at	Consensus includes gb:AB002391.2 /DEF-Homo sapiens mRNA for KIAA0393 protein, partial cds. /FEA-mRNA /GEN-KIAA0393 /PROD-KIAA0393 protein / DB XREF-q1:6683696 /UG-Hs. 266933 hect domain and PLD 2
	202272_s_at	-Homo sapiens KIAAO483 protein (KI
	210629_x_at	100 1
	205329_s_at	
	218194_at	iens small fr
	220560 at	DB XREF-gi:761645 /UG-Hs.7527 small fragment nuclease /FL=gb:AFI51872.1 gb:AL110239.1 gb:NM 015523.1
	010000	Md 014144.1
	zubz/u_s_at	gb:NM U2U216.2 /DEF-Homo sapiens arginyl aminopeptidase (aminopeptidase B) (RNPEP), mRNA. /FEA-mRNA /GEN-RNPEP /PROD-arginyl aminopepti- dase (aminopeptidase B) /DB XREE-gi:13443030 /UG-Hs.283667 arginyl aminopeptidase (aminopeptidase B) /FL-ch:NN 020216.2
	220175_s_at	gb:NM 020667.1 /DEF-Homo sapiens hypothetical protein from clone 1659351 (LOC57397), mRNA. /FEA-mRNA /GEN-LOC57397 /PROD-hypothetical protein from clone 1659351 /DB XREF-gi:10190707 /UG-Hs.288838 hypothetical protein from clone 1659351 /Fr
	212429_s_at	1

209058_at	gb.RB002282.1 /DEF-Homo saptens mRNA for hMBFlalpha, complete cds. /FEA-mRNA /PROD-hMBFlalpha /DB_XREF-g1:6526354 /UG-Hs.174050 endothelial
212535_at	Consensus includes gb:AA142929 /FEA-EST /DB_XREF-gi:1712307 /DB_XREP-est:z140g07.s1 /CLONE-IMAGE:504444 /UG-Hs.288993 ESTs
201524_x_at	ens zyme 8300
201716_at	ens sorting nexin 1 (SNX1), mRNA. /FEA-mRNA /GEN-SNX1 /PROD-sorting nexin 1 /DB_XREF-gi:4507138 57.1 qb:U53225.1 qb:AF065483.1 qb:NN 003099.1
213097_s_at	7 /FEA-EST /DB_XREF-g1:4075764 /DB_XREF-est:qq28f09.x1 /CLONE-INAGE:1933865 /UG-Hs.82254 zuotin
213532_at	7 / UG=H
210766_s_at	ns trachea cellular apoptosis susceptibility protein (CSE1) mRNA, cc eptibility protein /DB_XREF-gi:3560554 /UG-Hs.90073 chromosome segre
209523 <u>a</u> t	l /DEF-Homo sapiens cDNA FLJ10756 fis, A /DB XREF-gi:7022983 /UG-Hs:122752 TA 0701.1 gb:AE057694.1 gb:NM 003184.1
209276_s_at	gb:AF162769.1 /DEF=Homo sapiens thioltransferase mRNA, complete cds. /FEA=mRNA /PROD=thioltransferase /DB_XREF=g1:5442445 /UG=Hs.28988 glutaredoxin (thioltransferase) /FL=gb:BC005304.1 gb:AF162769.1 gb:D21238.1
200848_at	38 /E
212406_s_at	13.1 /DEF-Womo sapiens mRNA for KIAA1050 protein, partial cds: /FEA-mRNA /GEN-KIAA1050 /PROD-KIAA105 1628 hypothetical protein FLJ10883
212072_s_at	1 /DEF=Human DNA sequence from clone RP5-863C7 on chromosome 20p12.3 (EC 2.7.1.37), ESTs, STSs and GSSs /FEA=mRNA_2 /DB_XREF=g1:5738437 /
203159_at	ens glutaminase (GLS), mRNA. /FEA=mRNA /GEN=GLS /PROD= 20645.1 gb:AF097493.1 gb:AF223943.1 gb:NM 014905.1
203521_s_at	ens endocrine regulator (HRIHFB2436), mRNA. /FEA=mRNA /GEN=HRIHFB2436 /PROD=endocrine reg 1433 endocrine regulator /FL=gb:AF121141.1 gb:NM 014345.1
204439_at	ens hypothetical protein, expressed in osteoblast (G33686), mRNA. /FEA-mRNA /GEN-G33666 /PROD- ast /DB_XREF-g1:5803026 /UG-Hs.75470 hypothetical protein, expressed in osteoblast /FL-gb:AB000
218646_at	ens hypothetical protein FLJ2034 (FLJ2034), mRNA. /FEM-mRNA /GEN-FLJ2034 /PROD-nypotheti /UG-Hs.44344 hypothetical protein FLJ20534 /FL-qb:AL136673.1 qb:NA 017867.1
213168_at	FER=EST /DB_XREF=g1:11006526 /DB_XREF=est:AU145005 /CLONE=HEMBA10036U3 /UG=Hs.44450
210371_s_at	ns, Similar to retinoblastoma binding protein 4, clone MGC:1393 otein 4 /DB XREE—gi:131111850 /UG-Hs.16003 retinoblastoma-binding
200052_s_at	enhancer binding factor 2, 45kD (ILF2), mRNA. / UG-Hs.75117 interleukin enhancer binding factor 2
201019_s_at	gb:NM 001412.1 /DEF-Homo sapiens eukaryotic translation initiation factor lA (EIFIA), mRNA. /FEA=mRNA /GEN-EIFIA /PROD=eukaryotic transla- tion initiation factor lA /DB_XREF=gi:4503498 /UG-Hs.4310 eukaryotic translation initiation factor lA /FL-gb:BC000793.1 gb:L18960.1 gb:NM 001412.1
219892_at	ens transmembrane 6 superfamily member 1 (TM6SF1), mRNA. /FEA=mRN 3194198 /UG-Hs.133865 transmembrane 6 superfamily member 1 /FI=gf
218095_s_at	<pre>gb:NM 018475.1 /DEF=Homo sapiens uncharacterized hypothalamus protein HTMP (LOCCSBASH), mRNA. /FEA=mRNA /GEN=LOCSBASH /FRUD=uncharacterized hypothalamus protein HTMP /FL=gb:BC003545.1 gb:AF220188.1 gb:NN 018475.1 gb:AF183409.1</pre>

<u>[21</u>	218042_at	gb:NM 016129.1 /DEF=Homo saplens COP9 complex subunit 4 (LOC51138), mRNA. /FEA=mRNA /GEN=LOC51138 /FROD=COP9 complex subunit 4 /FL=qb:BCO04302.1 qb:AF100757,1 qb:NM 016129.1
CI_	202172_at	t:602324811F1 /CLONE-
2	218108_at	gb:NM 018108.1 /DEF-Homo sapiens hypothetical protein FLJ10483 (FLJ10483), mRNA. /FFR-mRNA /GEN-FLJ10483 /PROD-hypothetical protein FLJ10483 /PB XREF-g1:8922451 /UG-Hs.6877 hypothetical protein FLJ10483 /FL-qb:NN 018108.1
7	212539_at	Consensus includes gb:AI422099 /FEA-ESI /DB_XREF-g1:4268030 /DB_XREF-est:tf57h09.x1 /CLONE-IMAGE:2103425 /UG-Hs.14570 hypothetical protein FLJ22530
5	212635_at	Consensus includes gb:AW161626 /FEA=EST /DB XREF=g1:6300659 /DB_XREF=est:au68b11.x1 /CLONE=IMAGE:2781405 /UG-Hs.21739 Homo sapiens mRNA, CDNA DKF2p58611518 (from clone DKF2p58611518)
<u> </u>	203356_at	Consensus includes gb:BE349584 /FEA=EST /DB_XREF=g1:9261437 /DB_XREF=est:ht55h12.x1 /CLONE=IMAGE:3150695 /UG=Hs.7145 calpain 7 /FL-gb:AB028639.1 gb:NM 014296.1
[2]	208174_x_at	gb:NM 005089.1 / DEF=Homo sapiens U2 small nuclear ribonucleoprotein auxiliary factor, small subunit 2 (U2AFIRS2), mRNA. /FEA=mRNA /GEN=U2AFIRS2 /
		F.
ισ.	53912_at]4⊶
<u> (7</u>	221736_at	Consensus includes gb:AA156777 /FEA-EST /DB_XREF-g1:1728392 /DB_XREF-est:2118c08.s1 /CLONE-IMAGE:502286 /UG-Hs.25431 KIAA1219 protein
		deubiquit Obiquitir
	204366_s_at	iens general transcription factor II enscription factor IIIC, polypeptide e 2 (beta subunit, 110kD) /FL=qb:DI
2	212584_at	/FEA=EST /DB_XREF=gi:12
101	212140_at	us includes gb:AB0145 eqi:3327109 /UG=Hs.31
<u>l Ni</u>	219083_at	-Homo sapiens i:8922499 /UG
<u> [</u>	215772_x_at	Consensus includes gb:ALO50226.1 /DEE=Homo sapiens mRNA; cDNA DKF2p586M2023 (from clone DKF2p586M2023); partial cds. /FEA-mRNA /GEN-DKF2p586M2023 /PROD=hypothetical protein /DB XREE=q1:4884469 /UG-Hs.247309 succinate-CcA ligase, GDP-forming, bera submit
7	216194_s_at	me 19-cosmid f24590 containing CAPNS and POLZRI, d protein 1
7	204373_s_at	gb:NM 014810.1 /DEF=Homo sapiens KIAA0480 gene product (KIAA0480), mRNA. /FEA=mRNA /GEN=KIAA0480 /PROD=KIAA0480 gene product /DB XREF=gi:7662155 /UG-Hs.92200 KIAA0480 gene product /FL=gb:AB007949.1 gb:NM 014810.1
<u>~</u>	208927_at	
	220146_at	9b:NN 016562.1 /DEF-Homo sapiens toll-like receptor 7 (LOC51284), mRNA. /FFA-mRNA /GEN-LOC51284 /PROD-toll-like receptor 7 (LOC51284), mRNA. /FFA-mRNA /GEN-LOC51284 /PROD-toll-like receptor 7 /FL-qb:AF240467.1 qb:NN 016562.1 qb:AF245702.1
01	219694_at	iens hypothetical protein (FLJ11127), mRNA. 1165 hypothetical protein /FL=qb:NM 019018.1
2	213229_at	31 /FEA=EST /DB_XREF=gi:11
2	214356_s_at	Consensus includes gb:AI272899 / FEA=EST / DB_XREF=91:3895167 / DB_XREF=est:q147c07.x1 / CLONE=IMAGE:1875468 / UG=Hs.3852 KIAA0368 protein
7	213153_at	99.1 /DEF≃Homo sapiens mRNA f 1525 KIAA1076 protein
~	218294_s_at	ans DC41 n J.1 gb:NM
- 5	221522_at	gb:AL136784.1 /DEF-Homo sapiens mRNA; cDNA DKF2p434L0718 (from clone DKF2p434L0718); complete cds. /FEA=mRNA /GEN-DKF2p434L0718 //PROD-hvpothetical

	hvotein /DB XRFFmai 12054080 /UG-Ms 59236 Homo sapiens mRNA: CDNA DKFZnd3410718 (from clone DKFZnd3410718); complete cds /FI-nb:A1136784 1
205930_at	gb:NM 005513.1 /DEF-Homo sapiens general transcription factor IIE, polypeptide 1 (alpha subunit, 56kD) (GTFZEI), mRNA. /FEA-mRNA //GEN-GTP281 /
	PROD-general transcription factor IIE, polypeptide 1(alpha subunit, 56kD) /DB_XREF-gi:5031726 /UG-Hs.145381 general transcription factor
	M 005513.1
210312_s_at	
213838_at	6 /FEA=EST /DB_XREF=gi:1780105 /DB_XREF=est:zp83g09.s1 /CLONE=IMAGE:626848 /UG=H
202520_s_at	GD:NM 000249.1 /DEF=Homo sapiens mutl (E. coli) homolog 1 (colon cancer, nonpolyposis type 2) (MLH1), mRNA. /FEA=mRNA /GEN=MLH1 /PROD=mutl homolog 1 /DB_XREF=g1:4557756 /UG=Hs.57301 mutl (E. coli) homolog 1 (colon cancer, nonpolyposis type 2) /FL=gb:NM_000249.1 gb:U07343.1 gb:U07418.1
221834_at	ST /DB_XREF=g1:10302103 /DB_XREF=est:AV700132 /CLONE=GKCGSE03 /UG=Hs.295923 seven
210942_s_at	ns mRNA for alpha2,3-sialyltransferase ST3Gal VI, comple DB XREF-gi:4827246 /UG-Hs:34578 alpha2,3-sialyltransfera
202396_at	ens transcription factor CA150 (CA150), mRNA. /FEA-mRNA /GEN-CA150 /FF 1063 transcription factor CA150 /FL-gb:AE011789.1 gb:NM 006706.1
219598_s_at	ens PTD013 protein (PTD013), mRNA. /FEA-mRNA /GEN-PTD013 /PROD-PTD013 protein / FI-gb:AF092134.1 gb:NM 016104.1
202502_at	<pre>lens acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain (ACADM), nuclear gene encoding mitochon N=ACADM /PROD=acyl-Coenzyme A dehydrogenase, C-4 to C-12straight chain proenzyme /DB XREF=g1:4557230 dehydrogenase, C-4 to C-12 straight chain /FL=gb:BC005377.1 gb:M16827.1 gb:NM 000016.1 gb:AF251043.1</pre>
211968_s_at	3 /FEA=EST /DB_XREF=gi:5755646 /DB_XRE 5348.1
218027_at	ens HSPC145 protein (HSPC145), mRNA. /FEA-mRNA /GEN-HSPC145 /PROD-HSPC145 protein /DB_XREF-gi:76 /FL-gb:AL136665.1 gb:BC000891.1 gb:AF161494.1 gb:NM 014175.1
217792_at	15 (SNX5), MRNA. /FEA-MRNA /GEN-SNX5 /PROD-SOI 1 gb:NM 014426.1
221036_s_at	72), mrna. /fea=mrna
201723_s_at	alNAc:polypeptide N-acetylgalactosam minyltransferase /DB XREF-gi:1136284 erase 1 (GalNAc-T1) /FL-gb:U41514.1
202351_at	A-EST /DB XREF-gi:
208853_s_at	kin mRNA, complete cds. /FEA=mRNA /PROD=calnexin /DB_XREE=gi:306480 /UG=Hs.155560 calnexin / :N98452.1 gb:L10284.1 gb:L18887.1
213278_at	Consensus includes gb: AW014788 / FEA-EST / DB XREF-g1:5863545 / DB XREF-est:UI-H-BIO-aae-h-10-0-UI.s1 / CLONE-IMAGE:2709354 / UG-Hs.48802 Homo sapiens clone 23632 mRNA sequence
203447_at	Consensus includes gb: AUIS7000 / FEA-EST / DB XREF-g1:11018529 / DB XREF-est: AUIS7008 / CLONE-PLACE1005711 / UG-Hs.193725 proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 / FL-gb: NM 005047.1
212459_x_at	0.x1 /CLON
218514 at	gbiNN 0181491. /DEF-Homo sapiens hypothetical protein FLJ10587 (FLJ10587), mRNA. /FEA-mRNA /GEN-FLJ10587 /PROD-hypothetical protein FLJ10587 /DB XREF-gi:8922539 /UG-Hs.7296 hypothetical protein FLJ10587 /FL-gb:NM 018149.1
212648_at	R full length insert cDNA clone EUROINAGE 48814. /FEA=mRNA /PROD=hy bidopsis thallana /DB XREF=gi:5102732 /UG-Hs.95665 hypothetical pro
200708_at	qb:NM 002080.1 /DEF=Homo sapiens glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) (GOT2), nuclear gene encoding mitochondrial protein, mRNN. /FEN-mRNN /GEN=GOT2 /PROD-aspartate aminotransferase 2 precursor /DB XREF=g1:4504068 /UG-Hs.170197. glutamic-oxaloacetic transaminase 2, mitochondrial (aspartate aminotransferase 2) /FIT=gb:B000525.1 gb:M20530.1 gb:NN 002080.1

201064_s_at	ens poly(A)-binding protein, cytoplasmic 4 (inducible form) (PABPC4), mRNA. / , cytoplasmic 4(inducible form) /DB_XREF=qi:6552335 /UG=Hs.169900 poly(A)-binc 9.2
218604_at	ens integral inner nuclear membrane prote 1706606 /UG-Hs.7256 integral inner nuclea
214864_s_at	Consensus includes gb:AK024386.1 /DEF-Homo sapiens cDNA FLJ14324 fis, clone PLACE4000100, highly similar to Homo sapiens hydroxypyruvate reductase(GRHPR) gene. /FEA-mRNA /DB XREF-gi:10436760 /UG-Hs.155742 glyo::ylate reductasehydroxypyruvate reductase
202717_s_at	ens CDC16 (cell division cycle 16, S. cerevisiae, homolog) (C erevisiae,homolog) /DB_XREF=gi:4502700 /UG=Hs.1592 CDC16 (cel
201643 x at	gb:NM 016604.1 /DEF=Homo sapiens putative zinc finger protein (LOC51780), mRNA. /FEA=mRNA /GEN=LOC51780 /PROD=putative zinc finger protein /FL=gb:AF251039.1 gb:NM 016604.1
213803_at	Consensus includes gb:BG545463 /FEA=EST /DE_XREF=gi:13544128 /DE_XREF=est:602572695F1 /CLONE=IMAGE:4701118 /UG=Hs.180446 karyopherin (im-portin) beta 1
204689_at	ens hematopoieti /UG=Hs.118651 h
218228_s_at	db:NM 025235.1 gb:AF342982.
202918_s_at	orotein mRNA, complete cds. /FEA-mRNA /PROD-CGI-95 protein /DB_XREF-g1:4929658 /UG- jb:BC005237.1 gb:AF151853.1 gb:AL080070.1 gb:NM 015387.1
212263_at	16 /FEA=EST 119.1 gb:AF1
221825_at	93 /FEA-EST /DB_XREF-qi:11013314 /DB_XREF-est:AU151793 /CLONE-NT2RP2006115 /UG-Hs.157078 } 2033
211047_x_at	lens, c
209798_at	NRNA, complete cds. /FEA-mRNA /GEN-NPAT /DB 002519.1
204361_s_at	gb:AB014486.1 /DEF-Homo sapiens mRNA for RA70, complete cds. /FEA-mRNA /GEN-RA70 /PROD-RA70 /DB_XREF-gi:4062959 /UG-Hs.52644 SKAP55 homolo- gue /FL-gb:BC002893.1 gb:AF072166.1 gb:AF051363.1 gb:AF051323.1 gb:NM 003930.1
218127_at	<pre>18 /FEA=EST /DB XREF=g1:5369590 /DB XREF=est:tc68e01. 166.2 gb:BC005316.1 gb:BC005317.1 gb:L06145.1</pre>
220355_s_at	hypothetical protein FLJ10645 (FLJ10645), mRNA. /FEA-mRNA /GEN-FI Hs.44143 polybromo 1 /FL-gb:AF177387:1 gb:NN 018165.1
202930_s_at	lens succinate-CoA ligase, ADP-forming, beta subunit (SUCLA2), mRNA. /FEA-mi ounit /DB_XREF-gi:11321582 /UG-Hs.182217 succinate-CoA ligase, ADP-forming, 1
203745_at	Consensus includes gb:AI801013 /FEA=EST /DB_XREF=gi:5366485 /DB_XREF=est:wg15d09.x1 /CLONE=IMAGE:2365169 /UG=Hs.211571 holocytochrome c synthase (cytochrome c heme-lyase) /FL=gb:U36787.1 gb:NM 005333.1
200597_at	
218519_at	gb:NM 017945.1 /DEE=Homo sapiens hypothetical protein FLJ20730 (FLJ20730), mRNA. /FEA=mRNA /GEN=FLJ20730 /PROD=hypothetical protein FLJ20730 /DB XREF=gi:8923656 /UG=Hs.237480 hypothetical protein FLJ20730 /FL=gb:BC005207.1 gb:NM 017945.1
203947_at	gb:NM 001326.1 /DEF-Homo sapiens cleavage stimulation factor, 3 pre-RNA, subunit 3, 77kD (CSTF3), mRNA. /FEA-mRNA /GEN-CSTF3 /PROD=cleavage stimulation factor subunit 3 /DB_XREF-gi:4551494 /UG-Hs.180034 cleavage stimulation factor, 3 pre-RNA, subunit 3, 77kD /FL-gb:NM 001326.1 gb:U15782.1
219002_at	/FEA=mRNA M 024622.1
220122_at	hypothetical protein FLJ22344 (FLJ22344), mRNA. /FEA=mRNA /GEN=FLJ22344 /PROD=hypothet =Hs.107716 hypothetical protein FLJ22344 /FL=gb:NM 024717.1
203882_at	gb:NM_006084.1 /DEF=Homo sapiens interferon-stimulated transcription factor 3, gamma (48kD) (ISGF3G), mRNA. /FEA-mRNA /GEN=ISGF3G / PROD=interferon-stimulated transcription factor 3, gamma (48kD) /DB XREF=g1:5174474 /UG=Hs.1706 interferon-stimulated transcription factor

	3.1 gb:NM_006084.1
212174_at	/FEA-EST /DB_XREF=qi:1274291 /DB_XREF=est:za08d08.
202567_at	ribonucleoprotein D3 polypeptide (18kD) (SNRPD3), mR /DB_XREF=gi:4759159 /UG=Hs.1575 small nuclear ribonu gb:Ū15009.1
218557_at	ens Nit protein 2 (NIT2), mRNA. /FEA-mRNA /GEN-NIT2 /PROD-Nit protein 2 /DB_XREF-gi:9910459 /UG-Hs.15627 b:AF284574.1 gb:NM 020202.1
211976_at	8.1 /DEF-Homo sapiens cDNA: FLJ22515 fis, clone HRC12122, highly sim XREF-g1:10438931 /UG-Hs.188882 Homo sapiens cDNA: FLJ21862 fis, clon sequence
201990_s_at	ens cAMP responsive element binding protein-like 2 (CREBL2), mRNA. like 2 /DB_XREF-gi:4503034 /UG-Hs.13313 CAMP responsive element bir
208956 x at	/DEF-Human deoxyuridine triphosphatase (DUT) mRNA, complete cds. /FEA-mRNA /GEN-DUT /FROD-deoxyuridine triphosphatase 1421817 /UG-Hs.82113 dUTP.pyrophosphatase /FL-gb:AB049113.1 gb:U31930.1 gb:U62891.1 gb:M89913.1 gb:NM 001948.1
213939_s_at	1 /FEA=EST , 668
201198_s_at	11 /FEA-EST /DB_XREF-g1:5514047 /DB_XREF-est:w113h07.x1 /CLONE-IMAGE:2424829 /UG-Hs.3887 proteaso .TPase, 1 /FL-gb:D44466.1 gb:NM 002807.1
203010_at	gb:NM 003152.1 /DEF-Homo sapiens signal transducer and activator of transcription 5A (STAT5A), mRNA. /FEA-mRNA /GEN-STAT5A /PROD-signal transducer and activator of transcription 5A (VG-Hs.167503 signal transducer and activator of transcription 5A (FE-gp:4043185.1 gp:NM 003152.1 gb:L41142.1
218067_s_at	
219077_s_at	jb:NN 016373.1 /DEF=Homo sapiens WM domain-containing oxidoreductase (WWOX), mRNA. /FEA=mRNA /GEN=WWOX /PROD=FOR II /DB_XREF=gi:7706522 / UG=Hs_519 WM domain-containing oxidoreductase /FL=gb:AF211943.1 gb:NM 016373.1 gb:AF227527:1
215424_s_at	EAAO6 /UC
219043_s_at	lens hypothetical protein MGC3062 (MGC3C 1576 hypothetical protein MGC3062 /EL-gE
209313_at	ins XABI mRNA for XPA binding protein 1, complete cds 2559 XPA binding protein 1, putative ATP(GTP)-binding
202944_at	gb.NN 000262 1 /DEF-Homo sapiens N-acetylgalactosaminidase; alphā- (NAGA), mRNA. /FEA-mRNA /GEN-NAGA /FROD-alpha-N-acetylgalactosaminidase precursor /DB XREF-gi: 9557180 /UG-Hs.75372 N-acetylgalactosaminidase, alpha- /FL-gb:BC000095.1 gb:N62783.1 gb:N38083.1 gb:NM 000262.1
208985_s_at	otic translation ini initiation factor 3, pha, 35kD) /EL-gb:BC
211656_x_at	A-DQ beta mRNA,
209358_at	/FEA=mRNA /PROD-PRO2134 / DB_XREF=g1:6650833 /UG-Hs.83126 TATA b T-gb:D63705.1 gb:NM 005643.1 gb:AF118094.1
207431_s_at	ш ~ і
213070_at	:F=g1:10284299 /DB_XREF=est:AV682436 /CIONE=GKBABE08 /UG=Hs.5
201111_at	ibilit 1556 /U
204370_at	gb:NN 006831.1 /DEF-Homo sapiens ATPGTP-binding protein (HEAB), mRNA. /FEA-mRNA./GEN-HEAB /PROD-ATPGTP-binding protein /DB_XREF-g1:5803028 /UG-HS.87465 ATPGTP-binding protein /FIE-gb:8C000446.1 gb:U73524.1 gb:NN 006831.1

•	
202911_at	nRNA /GEN=MSH6 /P C004246.1 gb:NM 0
204197_s_at	ens runt-related transcription factor 3 (RUNX3), mRNA. /FEA~ /UG-Hs.170019 runt-related transcription factor 3 /FL-gb:NM
217809_at	ens HSPC028 protein (HSPC028), mRNA. /FEA-mRNA /GEN-HSPC028 /PROD-HSPC028 protein /DB_XREF- FL-gb:AF110323.1 gb:BC003056.1 gb:AF003246.1 gb:NM 014038.1
201054_at	9 /FER=EST /DB_XREF=gi:11772191 /DB_XREF=est:601660283R1 /CLONE=IMAGE:3906044 /UG=Hs.77492 het L-gb:BC001008.1 gb:NM 006805.1 gb:UZ3803.1
200994_at	Consensus includes gb:BG291787 /FEA=EST /DB_XREF=gi:13050002 /DB_XREF=est:602386007F1 /CLONE=IMAGE:4515240 /UG=Hs.5151 RAN binding protein 7 /FL=qb:AF098799.1 gb:NM 006391.1
201572_x_at	ens dCMP deaminase (DCTD), mRNA. /FEA-mRNA /GEN-DCTD /PROD-dCMP deaminase /DB_XREF-gi:4503276 / 1 gb:RM 001921.1
218195_at	ens hypothetical protein FLJ12910
219905_at	DB XREE-gi:13479743 / UG-HS.13929 nypornetical protein filazoru FL-ggi:mv 743-73.1 Gp:NM_018538:1 / DEE-Horon sapients hypothetical protein PR02801 (PR02801), mRNA. / FEA-mRNA /GEN-PR02801 /PR0D-hypothetical protein PR02801 / DB XREE-ai:8924201 / UG-Hs.181223 hypothetical protein PR02801 / FL-apb:AF118999:1 gb:NM 018538.1
209362_at	109
203983_at	translin-associated factor X translin-associated factor X
212074_at	Consensus includes gb: BE972774 /FEA-EST /DB_XREF-gi:10586110 /DB_XREF-est:601652004F1 /CLONE-INAGE:3935281 /UG-Hs.7531 KIAA0810 protein
204859_s_at	gb:NM 013229.1 /DEF-Homo sapiens apoptotic protease activating factor (APAFI), transcript variant 1, mRNA. /FEA-mRNA /GEN-APAFI /PROD-apoptotic protease activating factor isoform a /DB_XREF-gi:7108332 /UG-Hs.77579 apoptotic protease activating factor /FL-qb:AB007873.1 gb:AF134397.1 gb:NM 013229.1
205707_at	ens interleukin 17 receptor (IL17R), mRNA. /FEA=mRNA /GEN=IL17R /PROD= 19751 interleukin 17 receptor /FL=gb:U58917.1 gb:NN 014339.1
218716_x_at	iens CGI-02 protein (CGI-02), mRNA. /FEA=mFNA /GEN=CGI-02 /FROD=CGI-02 protei 22.1 gb:AF132937.1 gb:NM 012123.1
217940_s_at	gb:NM 018210.1 /DEF-Homo sapiens hypothetical protein FLJ10769 (FLJ10769), mRNA. /FEA-mRNA /GEN-FLJ10769 /PROD-hypothetical protein FLJ10769 /DB XREF-gi:8922653 /UG-Hs:8083 hypothetical protein FLJ10769 /FL-gb:AF151071.1 gb:NM 018210.1
219802_at	ens hypothetical protein FLJ22028 (FLJ322028), mRNA. /FEA-mRNA /GEN-FLJ22028 /PROD-hyp /UG-Hs.192570 hypothetical protein FLJ22028 /FL-gb:NM 024854.1
209259_s_at	SEE
212037_at	Consensus includes gb:BF508848 /FEA-EST /DB_XREF-gi:11592146 /DB_XREF-est:UI-H-BI4-aor-e-06-0-UI.s1 /CLONE-IMAGE:3085907 /UG-Hs.44499 pinin, desmosome associated protein
211063_s_at	protein:
203791_at	-like 1 (DMXLI), mRNA. /FEA-mRNA /GEN-DMXL1 /PROD-Dmx-like 1 /DB_XREF-qi:9961348
203405_at	ens Down syndrome critical region gene 2 (DSCR2), mRNA. 4505022 /UG~Hs.5198 Down syndrome critical region gene 2
201604_s_at	ens myosin phosphatase, target subunit 1 (MYPT1), mRNA. /FEA-mRNA /GEN-MYPT1 /PROF /UG-Hs.16533 myosin phosphatase, target subunit 1 /FL-gb:NM 002480.1
218348_s_at	ens HSPCO55 protein (HSPC055), mRNA. /FEA-mRNA /GEN-HSPC055 /PROD-HSPC055 protein /DB_XREF-gi:7661761 ./FL-gb:AF161540.1 gb:NM 014153.1
205659_at	ens histone deacetylase 7B (HDAC7B-FENDING), mRNA. /FEA-mRNA /GEN-HDAC7B-PEN 6753 histone deacetylase 7B /FI-gb:AB018287.1 gb:NN 014707.1
202268_s_at	gb:NM 003905.1 /DEF-Homo sapiens amyloid beta precursor protein-binding protein 1, 59kD (APPBP1), mRNA. /FEA-mRNA /GEN-APPBP1 /PROD-Amyloid beta precursor protein-binding protein1 /DB XREE-gi:4502168 /UG-Hs.61828 amyloid beta precursor protein-binding protein 1,

	00480.1 gb:U50939.1 gb:NM_003905.1
202399_s_at	ens adaptor-related protein complex 3, sigma 2 subunit (AP3S2), mRNA. /FEA-mRNA /GEN= gma 2subunit /DB_XREF=g1:5031580 /UG=Hs.154782 adaptor-related protein complex 3, sigm 9.1
218515_at	ens hypothetical protein (LOC51325), mRNA. /FEA-mRNA /GEN=LOC51325 /PROD=hypothetical protein 461 hypothetical protein /FL=gb:AF208862.1 gb:NM 016631.1
209180_at	lgeranyl transferase type II beta-subunit mRNA, complete cds. /FEA-mRNA./PROD-geranylgeranyl transf 216503 /UG-Hs.78948 Rab geranylgeranyltransferase, beta subunit /FL-gb:U49245.1 gb:NM 004582.1
205105_at	ens mannc i:4758697
200666_s_at	ens heat shock 40kD protein 1 (HSPF1), 646 DnaJ (Hsp40) homolog, subfamily B,
200972_at	ns, tetraspan 3, clone MGC:965, mRNA, complete cds. /FEA-mRNA /PROD-tetraspan 3 /DB_XREF=g1:126 -gb:BCO00704.1 gb:ECO04280.1 gb:AF054840.1 gb:NM 005724.1 gb:AF133423.1
218352_at	ens hypothetical protein FLJ10716 (FLJ10716), mRNA. /FEA=mRNA /GEN=FLJ10/16 /FRUU=nypothetical pro /UG=Hs.24129 hypothetical protein FLJ10716 /FL-gb:NM 018191.1
217728_at	ens S100 calcium-binding protein A6 (calcyclin) (S100A6), mRNA. /FER-mRNA /GEN-5100A6 /FROD-5100 calci 11:9845517 /UG-Hs.275243 S100 calcium-binding protein A6 (calcyclin) /FL-99:BC001431.1 gb:NN 014624.2
211971_s_at	8 /FEA=EST /DB_XREF=gi:4737
212500_at	Consensus includes gb:AL049319.1 /DEF=Homo sapiens mRNA; cDNA DKFZp564C046 (from clone DKFZp564C046). /FEA=mKNA /DB_XKEF=g1:450U092 /UG-Hs.99821 Homo sapiens mRNA; cDNA DKF2p564C046 (from clone DKFZp564C046)
218473_s_at	hypothetical protein FLJ22329 (FLJ22329), mRNA. /FFA=mRNA /GEN=FLJ22329 /PROD=hypothetical prote i=Hs.61478 hypothetical protein FLJ22329 /FL=gb:NM 024656.1
203580_s_at	ens solute carr ier family 7 (c
200900_s_at	37 /FEA-EST /DB XF /FL-gb:NM 002355.2
221652_s_at	1.4
217750_s_at	gp:NN 023079:1 /DEF=Homo sapiens hypothetical protein FLJ13855 (FLJ13855), mRNA. /FEA=mRNA /GEN=FLJ13855 /PROD=hypothetical protein FLJ13855 / FLJ13855 / PROD=hypothetical protein FLJ13855 / PROD=
203544_s_at	iens ptor
221580_s_at	ans, clone MGC:5306, mRNA, complete cds. /FEA-mRNA /PROD-Unknown (protein for MGC:5306) /DB_XREF= rotein MGC5306 /FL=gb:BC001972.1
202629_at	Consensus includes gb. AV681519 / FEA=EST / DB XREF=gi:10283442 / DB XREF=est:AV681579 / CLONE-GKBAFE05 / UG-Hs. 84084 amyloid beta precursor protein (cytoplasmic tail) -binding protein 2 / FL=gb:AF017782.1 gb:NM 006380.1
205763_s_at	-Glu-Ala-AspHis) box polypeptide 18 (Myc-regulated) (DDX18), mRNA. /FEA-mKNA /GEN=DDX18 ptide 18 /DB_XREF=g1:13787205 /UG=Hs.100555 DEADH (Asp-Glu-Ala-AspHis) box polypeptide 1
212337_at	38 /FEA=EST /DB_XREF=g1:4899032 /DB_XREF=est:tp93g08.x1 /CLONE=IMAGE:2206910 /UG=H8.699 p
212244_at	
222011_s_at	EA=EST /DB XREF=g1:111 Coenzyme A thiolase)
204725_s_at	gb:NM 006153.1 /DEF=Homo sapiens NCK adaptor protein 1 (NCK1), mkNA. /kkA=mkNA /ubm=NcK1 /kkUU=NCK adaptor protein 1 /DB AKEK=g1:3433/33 / UG-Hs:54589 NCK adaptor protein 1 /FL-gb:NM 006153.1

7 00000	
zuggon sar	gb:UU982U.1 / DEE-Human helicase II (RAD54L) mRNA, complete cds. /FEA-mRNA /GEN-PAD54L /PROD-helicase II / DB XREF-gi:606832 /UG-Hs.96264 alpha thalassemiamental retardation syndrome X-linked (RAD54 (S. cerevisiae) homolog) /FL-qb:U09820.1 db:NM_000489 1 db:U17937 7
203224_at	/CLONE=IMAGE:4185212 /UG=Hs.375
208 619_at	gb:L40326.1 /DEF=Homo sapiens Hepatitis B virus X-associated protein 1 mRNA, complete cds. /FEA=mRNA /PROD=X-associated protein 1/DB XREF=q1:695361 /
	DNA b
208765_s_at	826.1 /DEF=Homo sapiens heterogeneous nuclear ribonucleoprotein R (HNRPR),
	/rkUJ=neterogeneous nuclear ribonucleoprotein R /DB_XREF=gi:5031754 /UG=Hs.15265 heterogeneous nuclear ribonucleoprotein R /RL=gb:BC001449.1 gb:RF000364.1 gb:NM 005826.1
220832_at	gb:NM_016610.1 /DEF=Homo sapiens Toll-like receptor 8 (LOC51311), mRNA. /FEA=mRNA /GEN=LOC51311 /PROD=Toll-like receptor 8
	05-Hs.272410 Tol1-like receptor 8 /FL=qb:AF246971.1 qb:NM 016610.1 qb:AF245703.1
208398_s_at	s TBP-like 1 (TBPL1),
205077_s_at	gb:NM 002643.1 /DEE-Homo sapiens phosphatidylinositol glycan, class E (PIGE), mRNA. /FER-mRNA /GEN-PIGE /PROD-phosphatidylinositol glycan, class E /FI-oh:nM 002643.1 oh:NM 002643.1
210616_s_at	nolog /FL-qb:
211761_s_at	gb:BC005975.1 /DEF-Homo sapiens, calcyclin binding protein, clone MGC:14660, mRNA, complete cds. /FEA-mRNA /PROD-calcyclin binding protein /DB XREF-gi:13543650 /FL-gb:BC005975.1
213164_at	Consensus includes gb:AI867198 /FEA-EST /DB XREF-gi:5540214 /DB XREF-est:wa01cll.xl /CLONE-IMAGE:2296820 /UG-Hs.324787 solute carrier fam- 11y 5 (inositol transporters), member 3 /FL-dp:NM 006933.1
219940_s_at	lens hypothet /UG=Hs.7049
203800_s_at	53 /FEA-EST /DB_XREF-g1:12764469 /DB_XREF-est:6023686 00.1
213026_at	Consensus includes gb:BE965998 /FEA-EST /DB_XREF-gi:11770950 /DB_XREF-est:601659892R1 /CLONE-IMAGE:3905710 /UG-Hs.264482 Apg12 (autophagy 12, S. cerevisiae)-like
215165_x_at	Consensus includes gb:AL080099.1 /DEE-Homo sapiens mRNA; cDNA DKF2p564G1272 (from clone DKF2p564G1272); partial cds. /FER-mRNA /GEN-DKF2p564G1272 /PROD-hypothetical protein /DB_XREE-gj:5262522 /UG-Hs.2057 uridine monophosphate synthetase (orotate phosphoribosy)
202864_s_at	necarboxyiase) iens nuclear antigen Spi00 (SP100), mRNA. /FEA≔mRNA /GEN≃SP100 /PROD=nuclear antige
208407_s_at	Sp100 /FL=gb:MG0618.1 gb:NM 003113.1ens catenin (cadherin-associated protein), delte 1 (CTNND1), mRNA. /FEA-mRNA /GEN=C
	, delta 1 /DB_XREF=gi:10835009 /UG=Hs.166011 catenin (cadherin-associated protein), delta
202419_at	9b:NM_002035.1 /DEF-Homo sapiens follicular lymphoma variant translocation 1 (FVT1), mRNA. /FEA-mRNA /GEN-FVT1 /PROD-follicular lymphoma variant translocation 1 /DB XREF-gi:4503816 /UG-Hs.74050 follicular lymphoma variant translocation 1 /FL-ab:NM 002035.1
201833_at.	ens histone deacetylase 2 (HDAC2), mRNA. /FEA=mRNA /GEN=HDAC2 /PROD=hist ise 2 /FL-gb:U31814.1 gb:NM 001527.1
217879_at	Consensus includes gb:AL566824 /FEA-EST /DB_XREF-gi:12919571 /DB_XREF-est:AL566824 /CLONE-CSODF025XN03 (3 prime) /UG-Hs.172405 cell divi- sion cycle 27 /FL-gb:NM 001256.1

Table 5: Genes from Cluster Analysis 5

Affymetrix	Description of the sequence in the GeneBank data base
internal	
designation	
201466_s_at	jb:NM 002228.2 /DEF=Homo sapiens v-jun avian sarcoma virus 17 oncogene homolog (JUN), mRNA. /FEA-mRNA /GEN=JUN /PROD-v-jun avian sarcoma virus 17 oncogene homolog /EL-gb:BC002646.1 gb:NM 002228.2 virus 17 oncogene homolog /EL-gb:BC002646.1 gb:NM 002228.2
202425 x at	pb:NM_000944.1 /DEF-Homo saptens protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha) (PPP3CA), mRNA. /FEA-mRNA /GEN-PPP3CA /FROD-protein phosphatase 3 (formerly 2B), catalyticsubunit, alpha isoform (calcineurin A alpha) /DB XREF-gi:6713567 / UG-Hs. 272458 protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha) /FL-gb:305480.1 gb:L14778.1 ob:A.1353950.1
218566_s_at	
214349_at	Consensus includes gb:AV764378 /FEA-EST /DB XREF-G1:10922226 /DB XREF-est:AV764378 /CLONE-MDSAOE03 /UG-Hs.163863 ESTs, Moderately similar to POLZ HUMAN RETROVIRUS-RELATED POL POLYPROTEIN H.sapiens
204314_s_at	gb:NN 004379.1 /DEF-Homo sapiens CAMP responsive element binding protein 1 (CREB1), mRNA. /FEA-mRNA /GEN-CREB1 /PROD-CAMP responsive elemen binding protein 1 /DB XREF-gi:4758053 /UG-Hs.79194 CAMP responsive element binding protein 1 /FL-gb:MZ1691.1 gb:NM 004379.1
208753_s_at	gb:BC002387.1 /DEF-Nomo sapiens, nucleosome assembly protein 1-like 1, clone MGC:8688, mRNA, complete cds. /FEA-mRNA /PROD-nucleosome assem bly protein 1-like 1 /DB XREF-gi:12803166 /UG-Hs.179662 nucleosome assembly protein 1-like 1 /FL-gb:BC002387.1 gb:AL162068.1
215452_x_at	Consensus includes gb:AL031133 /DEF-Numan DNP saguence from clone 201H8 on chromosome 6q25.1-25.3. Contains up to four novel genes, one with similarity to KIAA0323 and worm C30F12.1 and another with Ubiquitin-Like protein gene SMT3 (the latter in an intron of a novel gene). Con-
	rains /FEA-mRNA 2 /DB XREF-gi:3676189 /UG-Hs.113293 Human DNA sequence from clone 281H8 on chromosome 6q25.1-25.3. Contains up to four novel genes, one with similarity to KIAA0323 and worm C30F12.1 and another with Ubiquitin-Like protein gene SMT3 (the latter in an intron of a
204119_s_at	
	ULC-85: 49.04 additionale Interprised to the Control of the Contro
201304_at	gb:NM U030U0.2 / DEF=HOMO Sapiens NALH denydrogenase (uniquinone) i alpha succemplex, 3 (13Kb, bis) (NUVRA), nuckei gene enconing nitochondrial protein, mRNA. /FEA=mRNA /GEN=NDUFAS /PROD=NADH dehydrogenase (ubiquinone) i alphasubcomplex, 5 /DB XREF=gi:13699821 / UG=Hs.83916 NADH dehydrogenase (ubiquinone) i alpha subcomplex, 5 (13Kb, Bl3) /FL=gb:BC000813.1 gb:NN 005000.2 gb:U53468.1 gb:U64028.1
218131_s_at	gb:NM 017660.1 /DEF-Homo sapiens hypothetical protein FLJ20085 (FLJ20085), mRNA. /FEA-mRNA /GEN-FLJ20085 /PROD-hypothetical protein FLJ20085 / PAGO-HS-118964 hypothetical protein FLJ20085 /FL-gb:NM 017660.1
201788_at	gb:NN 007372.1 /DEF-Homo sapiens RNA helicase-related protein (RNAHP), mRNA. /FEA-mRNA /GEN-RNAHP /PROD-RNA helicase-related protein / DB XREF-gi:11321631 /UG-Hs.0765 RNA helicase-related protein /FL-gb:NM 007372.1 gb:AF083255.1
209780_at	gb:AL136883.1 /DEF-Homo sapiens mRNA; cDNA DKFZp434D166 (from clone DKFZp434D166); complete cds. /FEA-mRNA /GEN-DKFZp434D166 / PROD-hypothetical protein /DB XREF-g1:12053266 /UG-Ns.128653 hypothetical protein DKF2p564F013 /FL-gb:AL136883.1
219375_at	jb:NM 006090.1 /DEF-Homo sapiens cholineethanolaminephosphotransferase (CEPT1), mRNA. /FEA-mRNA /GEN-CEPT1 / PROD-cholineethanolaminephosphotransferase /DB_XREF-gi:5174414 /UG-Hs.125031 cholineethanolaminephosphotransferase / FI-gb:AF068302.1 gb:NM 006090.1
209187_at	Consensus includes gb:AW516932 /FEA-EST /DB_XREF-gi;7154941 /DB_XREF-est:xq04a05.x1 /CLONE-INAGE:2748848 /UG-Hs.16697 down-regulator of transcription 1, TBP-binding (negative cofactor 2) /FL-gb:BC002809.1
219279_at	gb:NM 017718.1 /DEF-Homo sapiens hypothetical protein FLJ20220 (FLJ20220), mRNA. /FEA-mRNA /GEN-FLJ20220 /PROD-hypothetical protein FLJ20220 /FL-gb:NM 017718.1
206976_s_at	ens heat shock 105kD (HSP105B), mF /FL=gb:AB003333.1 gb:NM 006644.1
215596_s_at	Consensus includes gb:AL163248 /DEF-Homo sapiens chromosome 21 segment HS21CO48 /FEA-mRNA_2 /DB_XREF-gi:7717304 /UG-Hs.288773 zinc finger protein 294
216511_s_at	Consensus includes gb.AJ270770 /DEF-Homo sapiens partial TCF-4 gene for T-cell transcription factor-4, exon 1 and joined CDS features / FER-mRNA 1 /DB XREF-gi:9188625 /UG-Hs.283857 Homo sapiens partial TCF-4 gene for T-cell transcription factor-4, exon 1 and joined CDS fea-

,	tures
201889_at	gb:NM 014888.1 /DEF-Homo sapiens predicted osteoblast protein (GS3786), mRNA. /FEA-mRNA /GEN-GS3786 /PROD-predicted osteoblast protein / DB XREF-gi:7661713 /UG-Hs.29882 predicted osteoblast protein /FL-ch:D87170.1 ch:NM 014888 1
201435_s_at	1 m
212232_at	Consensus includes gb:AB023231.1 /DEE=Homo sapiens mRNA for KIAA1014 protein, partial cds. /FEA=mRNA /GEN=KIAA1014 /PROD=KIAA1014 protein / DB XREF=g1:4589677 /UG-Hs.6834 KIAA1014 protein
214329_x_at	Consensus includes gb:AW474434 /FEA-EST /DB_XREF-g1:7044540 /DB_XREF-est:xs95h07.xl /CLONE-IMAGE:2777437 /UG-Hs.301527 ESTs, Moderately similar to unknown H.sapiens
212099_at	Consensus includes gb:AI263909 /FEA-EST /DB_XREF=91:3872112 /DB_XREF=est:qi08f09.xl /CLONE=IMAGE:1855913 /UG=Hs.204354 ras homolog gene family, member B /FL-gb:NM 004040.1
213618_at	Consensus includes gb:AB011152.1 /DEF=Homo sapiens mRNA for KIAA0580 protein, partial cds. /FEA-mRNA /GEN=KIAA0580 /PROD=KIAA0580 protein / DB XREF=gi:3043683 /UG=Hs.22572 KIAA0580 protein
216899_s_at	Consensus includes gb:AC003999 /DEF-Human PAC clone RP5-1139P1 from 7p15-p21 /FEA-CDS /DB_XREF-g1:2772566 /UG-Hs.52644 SKAP55 homologue
201437_s_at	gb:NM 001968.1 /DEF-Homo sapiens eukaryotic translation initiation factor 4E (EIF4E), mRNA. /FEA-mRNA /GEN-EIF4E /PROD-eukaryotic transla-
	initiation factor 4E /DB XREF=g1:4503534 /UG=Hs.79306 eukaryotic translation initiation factor 4E /Fi=ch:M15353 1 ch:Mv notage 1
212122_at	/FEA-EST /DB_XREF=g1:7703647 /DB_XREF=est:hn58g08.x1 /CLONE=INAGE:3032126 /UG-HS.16
208666_s_at	Consensus includes gb:BE866412 /FEA-EST /DB XREF-gi:10315097 /DB XREF-est:601678647F1 /CLONE-IMAGE:3961522 /UG-Hs.119222 suppression of tumorigenicity 13 (colon carcinoma) (Hsp70-interacting protein) /FII-ch:011714 1 ch.mr16650 1
218252_at	F=Homo sapiens cytoskeleton associated protein
	11 cytoskeleton associated protein 2
216384_x_at	Consensus includes gb:AF257099 /DEF-Homo sapiens prothymosin alpha (PTMA) gene, complete cds /FEA-CDS /DB XREF-gi:8037944 /UG-Hs.283947 Homo sapiens prothymosin alpha (PTMA) gene, complete cds
217100_s_at	1 /DEF=
204313_s_at	Consensus includes gb:AA161486 /FEA-EST /DB XREF-gi:1735796 /DB XREF-est:zq42d09.s1 /CLONE-IMAGE:632369 /UG-Hs.79194 CAMP responsive element binding protein 1 /FL-qb:M27691.1 qb:NM 004379.1
214257_s_at	
	protein (S. cerevisiae) -like 1
218595_s_at	gb:NM_018072.1 /DEF-Homo sapiens hypothetical protein FLJ10359 (FLJ10359), mRNA. /FEA-mRNA /GEN-FLJ10359 /PROD-hypothetical protein FLJ10359 / FL-qb:NB 018072.1 /DB XREF-g1:8922377 /UG-Hs.285861 hypothetical protein FLJ10359 /FL-qb:NB 018072.1
213128_s_at	/FEA=EST /DB_XREF=g1:2269568 /DB_
207719_x_at	gb:NM 014812.1 /DEE-Homo sapiens KIAA0470 gene product (KIAA0470), mRNA. /FEA-mRNA /GEN-KIAA0470 /PROD-KARP-1-binding protein / DB XREF=gi:7662141 /UG-Hs.25132 KIAA0470 gene product /FI-qb:AB022657.1 db:NM 014812.1
200060_s_at	, RNA-binding protein SI rine-rich domain /DB_XRE
200634_at	95:00221.1 /DEE-Homo sapiens profilin 1 (PEN1), mRNA. /FEA-mRNA /GEN-PFN1 /PROD-profilin 1 /DB_XREF-91:4826897 /UG-Hs.75721 profilin 1 / FEA-002475.1 db:0030319.1. db:005072.1
202770_s_at	gb:NM 004354.1 /DEE=Homo sapiens cyclin G2 (CCNG2), mRNA. /FEA=mRNA /GEN=CCNG2 /PROD=cyclin G2 /DB_XREF=g1:4757935 /UG=Hs.79069 cyclin G2 / FL=gb:U47414.1 gb:NM 004354.1
201008_s_at	Consensus includes gb:AA812232 /FEA=EST /DB XREF=g1:2881843 /DB XREF=est:ob84h09.s1 /CLONE=IMAGE:1338113 /UG-Hs.179526 upregulated by 1,25-dihydroxyvitamin D-3 /FL=gb:NM 006472.I gb:S73591.1
218534_s_at	gb:NM 018046.1 /DEF=Homo sapiens hypothetical protein FLJ10263 (FLJ10283), mRNA /FEA=mRNA /GEN=FLJ10283 /PROD=hypothetical protein FLJ10283 /FL=gb:NM 018046.1

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200993_at	Consensus includes gb:AA939270 /FEA=EST /DB_XREF=g1:3099183 /DB_XREF=est:oq31b02.sl /CLONE=IMAGE:1587915 /UG=HS.5151 KAN Dinding protein / /
214102_at	Consensus includes gb:AKO23737.1 / DEF-Homo sapiens cDNA FLJ13675 fis, clone FLATSCE1011875, highly similar to Homo sapiens mRNA for KIAA0580 protein. / FEA-mRNA / DB XREF-gi:10435756 / UG-Hs. 287588 Homo sapiens CDNA FLJ13675 fis, clone PLACE1011875, highly similar to Homo sapiens
213704_at (
212367_at	4533 /DB_XREF=est:we98al0.x1 /CLONE=IMAGE:2349 1
201873_s_at	
218618_s_at	A=mRNA /GEN=FLJZ3399 /FROD=hypotnetical prof
203689_s_at	/FEA=EST /DB_XREF=gi:5111325 /DB_XREF=est:wgd3dU5.x1 1
201074_at	3 /FEA=EST /DB_XREF=g1:2409333 /DB_XREF=est:nn16d01.s1 /CLONE=indes:1094033 /UG=ns.1/2200 SHISHE estern, ingulator of chromatin, subfamily C_member 1 /FL=gp:U66615.1 gb:NM 003074.1
200778_s_at	:3142636 DB XREF=est:qe48g03.x1 /CLONE=IMAGE:1/42400 /UG=NS.105055 Helita D28540.1 gb:NN 004404.1 gb:D63878.1
202307_s_at	cassette, sub-family B (MDRTAP), member 2 (ABCB2), mkNA. /FEA=mkNA /GEN-ABCB2. 19665247 /UG-Hs.158164 ATP-binding cassette, sub-family B (MDRTAP), member 2 /FI 18.1 gb:NM 000593.2
213145_at	6 /FEA-EST /DB_XREF=gi:10701941:/DB
	ens chromosome 5 open reading frame 3 (C5ORE3), mRNA. /FE4=mRNA /GEN=C3ORE3 /FROD—Hypounetical 551 chromosome 5 open reading frame 3 /FL4-gb:NM 1050-010 (2000-010) / Opon-MRNA -secordated represent
217834_s_at	ens NSI-associated profein 1 (NSAEI), 489 NSI-associated profein 1 /FL-gb.Al
205038_at	4 /FER-EST (DB XREF-91:1353Z/3/;/DB XREF-6ST:0UZ309Z3UEL /LDUNE-TRANS:4093/03 /UU-NS-3443Z ZING LING- gb:U4046Z.1 gb:NN 006060.1
203132_at	gb:NN 000321.1 /DEF-Homo sapiens retinoblastoma 1 (including osteosarcoma) (RBI), mRNA. /EEA=mRNA /GEN=KBI /FNU)=retinoblastoma 1 (including osteosarcoma) /DB_XREF-gi:4506434 /UG=Hs.75770 retinoblastoma.1 (including osteosarcoma) /FL-gb:M33647.1 gb:M15400.1 gb:M28419.1
211297_s_at	EF-Human protei
212375_at	27 /FEA-EST /DB_XREF-g1:12913403 /DB_XREF-est:AL563727 /CLONE-CSODD007XL16 (3 prime) /UG-Hs.306094
208986_at	8 /FEA=EST /DB_XREF=gi:12905Celix transcription factors 4)
217956_s_at	ens E-1 enzyme (MASA), mkNA. /EkA-mkNA /GEN-MASA /EKNUD-E-1 enzyme /DE_ARK-yi:roovvoin /OG-MS-1091% E-1.
214870 x_at	DEF-Human Chromosome 16 BAC Clone CIT98/SK-A-589H1 / EA-mkNA Z / UB AREF-91:23013/J / US-13:4
209852_x_at	gb:BC001423.1 /DEF=Homo sapiens, Similar to proteaseome (prosome, macropain) 28 subunit, 3, clone NGC:1394, mkNA, complete cds. / FEA+mRNA /PROD-Similar to proteaseome (prosome, macropain) 28subunit, 3 /DB_XREF=g1:12655138 /UG-Hs.152978 proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki) /FL-gb:BC001423.1 gb:BC002684.1
209063_x_at	189 /DB_XREF=est:6
201177_s_at	
212264_s_at	Consensus includes gb:BE645650 /FEA-EST /DB_XREF-qi:9970161 /DB_XREF-est:7e77c03.x1 /CLONE=IMAGE:3288484 /UG-HS.ID4970 NIAMACOL Protein

218878_s_at	gulation 2, S. cerevisiae, homolog) l in (silent mating type information re
202163_s_at	CCR4-NOT transcription complex, subunit 158945 /UG-Hs.26703 CCR4-NOT transcriptio
203584_at	ns KIAA0103 gene product 87 KIAA0103 gene product
201901_s_at	Consensus includes gb:214077.1 /DEE-H.sapiens mRNA for YYINF-El protein. /FEA-mRNA /PROD-YYI NF-El /DB_XREF-g1:38010 /UG-Hs.97496 YYI transcription factor /FL-gb:M77698.1 gb:M76541.1 gb:M7 003403.2
213743_at	Consensus includes gb: BE674119 /FEA=EST / DB_XREF=g1:10034660 / DB_XREF=est:7d75b03.xl /CLONE=INAGE:3278765 /UG=Hs.155478 cyclin T2
202883_s_at	$^{\circ}$ EA-EST /DB XREF-gi:698093 /DB $^{\circ}$ tt A (PR $^{\circ}$ 5), beta isoform /F
202069_s_at	Consensus includes gb:AI826060 /FEA-EST /DB XREF=g1:5446731 /DB XREF=est:wk28a12.x1 /CLONE=IMAGE:2413630 /UG-Hs.250616 isocitrate dehydrogenase 3 (WAD+) alpha /FL-gb:NM 005530.1 gb:U07681.1
222303_at	FEA-EST /DB_XREF-gi:10
203102_s_at	וכחו
212982_at	Consensus includes gb: AI621223 /FEA-EST /DB_XREF=g1:4630349 /DB_XREF=est:ts77a09.x1 /CLONE-IMAGE:2237272 /UG-Hs.4014 KIPA0946 protein, Huntingtin interacting protein H
200050_at	gb:NM 007145.1 /DEF=Homo sapiens zinc finger protein 146 (ZNF146), mRNA. /FEA-mRNA /GEN=ZNF146 /PROD=zinc finger protein 146 / loss refe=gi:6005965 /UG=Hs.301819 zinc finger protein 146 /FL=gb:BC005154.1 gb:NM 007145.1
202430_s_at	82
218757_s_at	ור צו
214030_at	/FEA-EST /DB_XREF-gi:9703760 /DB_XREF-est:7a41e05.xl /CLOME-IMAGE:3221312 /UG-Hs.23294 ESTs, T28F2.4 - Caenorhabditis elegans C.elegans
218093_s_at	C 10
203486_s_at	/FEA-EST /DB_XREF-gi:11003411 /DB_XREF-est:7088c12.x1 /CLONE
219303_at	gb:NN 024546.1 /DEF-Homo sapiens hypothetical protein FLJ13449 (FLJ13449), mRNA. /FEA-mRNA /GEN-FLJ13449 /FROD-hypothetical protein. FLJ13449 /DB XREF-gi:13335708 /UG-Hs.10711 hypothetical protein FLJ13449 /FL-gb:AL136651.1 gb:NM 024546.1
202173_s_at	ens zinc finger protein 161 (ZNF161), mRNA. /FEA-mRNA /GEN-ZNF161 /PROD-zinc finger 7 zinc finger protein 161 /FL-gb:D28118.1 gb:NM 007146.1
216903_s_at	1 /DEF=Homo sapiens cDNA FLJ12635 fis, clone NT2RM: -mRNA /DB XREF=gi:10434244 /UG=HS.61628 calcium bir
205842_s_at	<pre>gb:AF001362.1 /DEF=Homo sapiens Jak2 kinase (JAK2) mRNA, complete cds. /FEA=mRNA /GEN=JAK2 /PROD=Jak2 kinase /DB XREF=qi:3236321 / UG=Hs.115541 Janus kinase 2 (a protein tyrosine kinase) /FI=gb:NM 004972.2 gb:AF005216.1 gb:AF058925.1 gb:AF05801362.1</pre>
212702_s_at	EA-EST /DB XREF-gi:1186277 /DB XREF-est:yz12f12.s1 /CLONE=INAGE:282 1, clone IMAGE:3622452, mRNA, partial cds
201664_at	mRNA; cDNA DKF2p434F205 (from clone DKF2p434F205); KREF-gi:6807670 /UG-Hs.50758 SMC4 (structural mainte
202060_at	s KIAA0155 gene product (KIAA015 8 KIAA0155 gene product /FL=gb:N
203177_x_at	gb:NM 003201.1 /DEF=Homo sapiens transcription factor 6-like 1 (mitochondrial transcription factor 1-like) (TCF6L1), mRNA. / Interpreted to the condition factor 1-like) (DB XREF=191.4501400 / Interpreted to the condition factor 1-like) (DB XREF=191.4501400 / Interpreted to the condition factor 1-like) (Fig. 10.1501400 / Interpreted to the condition factor 1-like) (Fig. 10.1501400 / Interpreted to the condition factor 10.1501400 / Interpreted to the condition factor 1-like) (Fig. 10.1501400 / Interpreted to the condition factor 10.1501400 / Interpreted to the condition

14000	Lab. BEDO 2006 1 (DEF-Mono sapiens mRNA for KIAA1083 protein, complete cds. /FEA-mRNA /GEN-KIAA1083 /PROD-KIAA1083 protein /DB_XREF-gi:5689502
703/40 ar	ia 4 (autosomal dominant; spa
200660_at	4935
222119_s_at	na observe apiens mRNA; cDNA DKF2p564K2364 (from clone DKF2p564K2364); heitcal protein /DB XREF-q1:5912200 /UG-Hs.284289 vitiligo-associated prot
208934_s_at	ns colorectal ca
211698_at	otein EID-1 mRNP
212053_at	14.1 /DEF-Homo sapiens cDNA: FLJ21851 fis, clone HEP01962: /FEA-mRNA /DB
209174_s_at	hypothetical protein FLJ20259, clone MGC:5396, mRNA, complete cds. /FEA-mRNA /PROD-hypothe
203476_at	iens 514 oncofetal trophob 9717 /UG-Hs.82128 514 onco
203007_x_at	ens lysophospholipase mRNA, complete cds. /FEA-mKNA F081281.1 gb:AF077198.1 gb:NM 006330.1 gb:AF291053.1
212721_at	
218461_at	-Homo sapiens protein x 0004 (LOC51184), mkNA. / FEA-MKNA / GEN-DOC51184 / FROD-process x 0004 / D_ANGE 94.55350. GD:AF117229.1 GD:NM 016301.1
214218_s_at	Consensus includes gb:RV699347 /FEA=EST /DB_XREF=g1:10301318 /DB_XREF=est:AV699347 /CLONE=GKCBPH07 /UG=HS:43543 NG1ear receptor sublamily a group I, member 3
218178_s_at	φb: NM 020412.1 / DEE=Homo sapiens CHMP1.5 protein (CHMP1.5), mkNA. / FEA=mkNA. / GEN=CHMP1.3 / FNOD=CHMP1.3 protein / DE=Homo sapiens CHMP1.5 protein / DE=Homo sapiens CHMP1.3 protein / DE=Homo sapiens CH
217851_s_at	CHART: PRODECT PERSONNEL JOSEPHON CIT-107 PROFESSION JERNANNEL JERNANOCS1012 PRODECCI-107 PROFESSION JOSEPHON CIT JOSEPHON
202329_at	lens c-src tyrosine kinase (CSK) inase /FL-gb:NM 004383.1
203302_at	iens deoxycytidine kinase (DCK), mRNA. /FEA-mRNA /GEN-DCK /PROD-deoxycytidine kinase / UB_XKEF-g1:4503288 / Se / FEP-gb:M60527.1 gb:NM 000788.1
. 201949_x_at	41 /FEA-EST /DB_XREF-gi:12930514 /DB_XREF-est:AL572341 /CLONE-CSUDIUU/NC13 (3 prime) /UC-HS: /OST ne, beta /FL-gb:NH 004930:1 gb:U03271.1
218096_at	
203255_at	lens vitiligo-associated protein VII-1 (VIII), MRNA: VES-MRNA GEN-TIL 284289 vitiligo-associated protein VII-1/FIGABONN 018693.1 gb:AE264714.1 AND AND STATE OF THE STATE OF T
203855_at	iens KIAA0893 protein (KIAA0893), mKNA. /FEA=mKNA /GEN=ALAGO093 /FROD-ALAGO093 //FROD-ALAGO093
218846_at	lens cofactor required for Spl transcriptional activation, subunit 3 (130KD) (GAST3), MRNN. Spl transcriptionalactivation, subunit 3 (130KD) /DB_XREF-gi:7019352 /UG-Hs.29679 cofactor required for subunit 3 (130KD) /FL-qb:AF135022.1 gb:AF105332.1 gb:NM 004830.1
208988_at	1843 /FEA=E
216202_s_at	5.1 / DEF-Human serine palmicoyittansketase (Lobs) maka, partia cus, firmining serine palmicoyittansketase (Lobs) maka, partia cus, serine palmitoyittansferases, long chain base subunit 2
216954_x_at	

	PROD-oligomycin sensitivity conferral proteinoscp-like protein /DB_XREF=gi:944964 /UG=Hs 76572 ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit (oligomycin sensitivity conferring protein)
212753_at	Consensus includes gb:AI692203 /FEA-EST /DB_XREF-g1:4969543 /DB_XREF-est:wd37h12.xl /CLONE=IMAGE:2330375 /UG-Hs.8834 ring finger protein 3
207691_x_at	gb:NM 001776.1 /DEF-Homo sapiens ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), mRNA. /FEM-mRNA /GEN-ENTPD1 /PROD-ectonucleosid triphosphate diphosphohydrolase 1 /FL-gb:NM 001776.1
200967_at	gb:NN 000942.1 /DEF-Homo sapiens peptidylprolyl isomerase B (cyclophilin B) (PPIB), mRNA. /FEA-mRNA /GEN-PPIB /PROD-peptidylprolyl isomerase B (cyclophilin B) /DB_XREF-g1:4758949 /UG-Hs.699 peptidylprolyl isomerase B (cyclophilin B) /FL-gb:BC001125.1 gb:M60857.1 gb:M63573.1 gb:NM 000942.1
201988_s_at	Consensus includes gb:BF438056 /FEA=EST /DB XREF=g1:11450573 /DB XREF=est:7q66e01.x1 /CLONE=IMAGE:3703369 /UG=Hs.13313 CAMP responsive element binding protein-like 2 /FL=gb:AF039081.1 gb:NM 001310.1
202142_at	gb:BC003090.1 /DEF=Homo sapiens, COP9 homolog, clone MGC:1297, mRNB, complete cds. /EEA=mRNB /PROD=COP9 homolog /DB XREF=gi:13111846 / UG=Hs.75193 COP9 homolog /FL=gb:BC003090.1 gb:U51205.1 gb:NM 006710.1
218238_at	gb:NM 012341.1 /DEF-Homo sapiens GTP-binding protein (NGB), mRNA. /FEA-mRNA /GEN-NGB /PROD-GTP-binding protein /DB_XREF-gi:6912531 / UG-Hs.215766 GTP-binding protein /FL-gb:AF325353.1 gb:AF120334.1 gb:NM 012341.1
205552_s_at	3D:NM 002534.1 /DEF-Homo sapiens 2,5-oligoadenylate synthetase 1 (40-46 kD) (OAS1), transcript variant E16, mRNA. /FEA-mRNA /GEN-OAS1 / PROD-2,5-oligoadenylate synthetase 1, isoform E16 /DB XREF-q1:8051622 /UG-Hs.82396 2,5-oligoadenylate synthetase 1 (40-46 kD)
-	
202541_at	Consensus includes gb:BE589679 /FEA-EST /DB XREF-gi:11682003 /DB XREF-est:naa08b05.xl /CLONE-IMAGE:3253977 /UG-Hs.146401 small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating) /FL-gb:NM 004757.1 gb:U10117.1
221699_s_at	gb:AF334103.1 /DEF=Homo sapiens nucleolar protein GU2 mRNA, complete cds. /FEA=mRNA /PROD=nucleolar protein GU2 /DB_XREF=gi:13540303 / FEA=gb:AF334103.1
202090_s_at	gb:NN 006830.1 /DEF-Homo sapiens ubiquinol-cytochrome c reductase (6.4kD), subunit (UQCR), mRNA. /FEA-mRNA /GEN-UQCR / PROD-ubiquinol-cytochrome c reductase (6.4kD)subunit /DB_XREF-gi:5803216 /UG-Hs.8372 ubiquinol-cytochrome c reductase (6.4kD) subunit / FL-gb:D55636.1 gb:NM 006830.1
202382_s_at	gb:NM 005471.1 /DEF-Homo sapiens glucosamine-6-phosphate isomerase (GNPI), mRNA. /FER-mRNA /GEN-GNPI /PROD-glucosamine-6-phosphate isomerase /FL-gb:NN 005471.1 gb:AF029914.1 gb:AF048826.1 gb:D31766.1
220408_x_at	gb:NN 017569.1 /DEF-Homo sapiens transcription factor (p38 interacting protein) (p38IP), mRNA. /FEA-mRNA /GEN-P38IP /PROD-transcription factor (p38 interacting protein) /DB_XREF-gi:8923734 /UG-Hs.171185 transcription factor (p38 interacting protein) /FL-gb:AF093250.1 qb:NN 017569.1
208264_s_at	gb:NN 003758 1 /DEF-Homo sapiens eukaryotic translation initiation factor 3, subunit 1 (alpha, 35kD) (EIF351), mRNA. /FEA-mRNA /GEN-EIF351 /PROD-eukaryotic translation initiation factor 3,subunit 1 (alpha, 35kD) /DB_XREF-gi:4503510 /UG-Hs.173987 eukaryotic translation initiation factor 3,subunit 1 (alpha, 35kD) /FL-gb:U97670.1 gb:NN 003758.1
202872_at	Consensus includes gb:AW024925 /FEA-EST /DB_XREF-g1:5878455 /DB_XREF-est:wu92g09.xl /CLONE-IMAGE:2527552 /UG-Hs.86905 ATPase, H+ transport-ing, lysosomal (vacuolar proton pump) 42kD /FL-qb:NM 001695.1
214835_s_at	/DEF- P-spec
205263_at	gb:AF082283.1 /DEF=Homo sapiens CARD-containing apoptotic signaling protein (BCL10) mRNA, complete cds. /FEA=mRNA /GEN-BCL10 / PROD=CARD-containing apoptotic signaling protein /DB XREF=gi:4092066 /UG=Hs.193516 B-cell CLLlymphoma 10 /FL=gb:AF082283.1 gb:AF12736.1 gb:AF134395.1 gb:AF105066.1
218512_at	gb:NM 018256.1 /DEF-Homo sapiens hypothetical protein FLJ10881 (FLJ10881), mRNA. /FEA-mRNA /GEN-FLJ10881 /PROD-hypothetical protein FLJ10881 /FL-gb:AF242546.1 gb:NM 018256.1
210283_x_ac	gb:BC005295.1 /DEF=Homo sapiens, Similar to polyadenylate binding protein-interacting protein 1, clone NGC:12360, mRNA, complete cds. / FEA=mRNA /PROD=Similar to polyadenylate bindingprotein-interacting protein 1 /DB_XREF=gi:13529010 /UG=Hs.109643 polyadenylate binding protein-interacting protein-interacting protein 1 /FL=gb:BC005295.1
202724_s_at	l c m
212058_at	EA=EST /DE_XREF=gi:3735200 /DB_XREF=est:qd60b05.xl /

	ł
212006_at	
222040_at	Consensus includes gb:AI144007 /FER=EST /DB_XREF=gi:3665816 /DB_XREF=est:qb33c06.x1 /CLONE=IRAGE:1698056 /UG-H8.c49495 heterogeneous nuclear ribonucleoprotein Al
202373_s.at	gb:AF255648.1 /DEF-Homo sapiens rGAP-iso mRNA, complete cds. /FEA-mRNA./PROD-rGAP-iso /DB XREF-g1:12005820 /UG-H8:19/289 rabs. GTPase-activating protein, non-catalytic subunit (150kD) /FL-gb:AF255648.1 gb:R004828.1 gb:NM 012414.1 cd. FEE003 co-bads-no ff.
209301_at	
213264_at	m'
202863_at	5 71
217679_x_at	`∄
212802_s_at	Consensus includes gb.AK023841.1 /DEF=Homo sapiens cDNA FLJ13/19 IIs, clone PLACE4000443, nighty simitar to nome sapiens mensh, corre- DKF2p434C212 (from clone DKF2p434C212). /FEA=mRNA /DB XREF=gi:10435900 /UG=Hs.172069 DKF2P434C212 protein
210346_s_at	gb:AF212224.1 /DEF=Homo sapiens CLK4 mRNA, complete cds. /FEA=mRNA /PROD=CLK4 /DB_XREF=gi:9437514 /UG=Hs.295231 Homo sapiens CLK4 mRNA, complete cds /FI-gb:AF212224.1
208848_at	⊣ 1
221978_at	
217526_at	jb:AI478300 /FEA-EST /DB XREF-q1:4315.6 /JB XREF-est:tm35eU1.XI /CLONE-INACE:1100304 /UC-N3:132.03 53:5, Week, NBFAMILY SP SEQUENCE CONTAINNATION WARNING ENTRY H.sapiens
218322_s_at	되면
212613_at	Consensus includes gb:A1991252 /FEA-EST /DB_XREF=g1:383813/ /DB_XREF=est:Wusleus.X1 /LLUNE=Infrace:2322032 /UG-n3.0/47/ Duc.j.Luni. Subfamily 3, member A2
204566_at	gb:NN 003620.1 /DEF=Homo sapiens protein phospharase 10 magnesium-dependent, detra isotorm (Fraid), mnwa. Fransman Fraid (Pendent, PROD=protein phospharase 1D magnesium-dependent, delta isoform /DB_XREF=gi:4505996 /UG=Hs.100980 protein phospharase 1D magnesium-dependent, delta isoform /FL=gb:U78305.1 gb:NM 003620.1

Table 6: Genes from Cluster Analysis 6

Affymetrix	Description of the sequence in the GeneBank data base
designation	
202018_s_at	gb:NM 002343.1 /DEF-Homo sapiens lactotransferrin (LTF), mRNA. /FEA-mRNA /GEN=LTF /FROD-lactotransferrin /DB_XREF-g1:4505042 /UG-HS.105938 lactotransferrin /FL-gb:AF332168.1 gb:M93150.1 gb:M83202.1 gb:NM 002343.1
216379_x_at	Consensus includes gb: AKO00168.1 /DEF=Homo sapiens cDNA FLJ20161 fis, clone COL09252, highly similar to L33930 Homo sapiens CD24 signal transducer mRNA. /FEA=mRNA /DB XREF=gi:7020079 /UG-Hs.332045 Homo sapiens cDNA FLJ20161 fis, clone COL09252, highly similar to L33930 Homo sapiens CD24 signal transducer mRNA
209771_x_at	Consensus includes gb. AA761181 /FEA=EST /DB XREF=91:2810111 /DB XREF=est:nz09g03.s1 /CLONE=IMAGE:1287316 /UG-Hs.286124 CD24 antigen (small cell lung carcinoma cluster 4 antigen) /FL-qb:X69397.1
206676_at	
210254_at	
203887_s_at	gb:NM 000361.1 /DEF-Homo sapiens thrombomodulin (THBD), mRNA. /FEA-mRNA /GEN-THBD /FROD-thrombomodulin /DB_XREF-gi:4507482 / UG-HS.2030 thrombomodulin /FL-gb:M16552.1 gb:NM 000361.1
212768_s_at	Consensus includes gb:AL390736 /DEE-Human DNA sequence from clone RP11-209J19 on chromosome 13 Contains ESTs, STSs and GSSs. Contains the gene for the GW112 protein with two isoforms (GW112 and KIAA4294) /FEA-mRNA /DB_XREF-gi:11182238 /UG-Hs.273321 differentially expressed in hematopoietic lineages
202887_s_at	gb:NM 019058.1 /DEE-Homo sapiens hypothetical protein (FLJ20500), mRNA. /FEA-mRNA /GEN-FLJ20500 /PROD-hypothetical protein / DB XREF-q1:9506686 /UG-Hs.111244 hypothetical protein /FL-gb:AL136668.1 gb:NM 019058.1
200916_at	gb:NM 003564.1 /DEF=Homo sapiens transgelin 2 (TAGLN2), mRNA. /FEA=mRNA /GEN=TAGLN2 /PROD=transgelin 2 /DB_XREF=gi:4507356 / UG=HS.75725 transgelin 2 /FL=gb:D21261.1 gb:NM 003564.1
206157_at	gb:NM 002852.1 /DEF=Homo sapiens pentaxin-related gene, rapidly induced by IL-1 beta (PTX3), mRNA. /FEA=mRNA /GEN=PTX3 / PROD-pentaxin-related gene, rapidly induced by IL-1beta /DB_XREF=gi:4506332 /UG-Hs.2050 pentaxin-related gene, rapidly induced by IL-1 beta /FL-gb:M31166.1 gb:NM 002852.1
209369_at	gb:M63310.1 /DEF-Human 1,2-cyclic-inositol-phosphate phosphodiesterase (ANX3) mRNA, complete cds. /FEA-mRNA /GEN-ANX3 / PROD-1,2-cyclic-inositol-phosphate phosphodiesterase /DB_XREF-gi:178696 /UG-Hs.1378 annexin A3 /FL-gb:BC000871.1 gb:M63310.1 gb:M20560.1 gb:MN 005139.1
202497_x_at	Consensus includes gb:AI631159 /FEA-EST /DB XREF-gi:4682489 /DB XREF-est:ts93405.x1 /CLONE-INAGE:2238825 /UG-Hs.7594 solute carrier family 2 (facilitated glucose transporter), member 3 /FL-qb:M20681.1 qb:NM 006931.1
205513_at	gb:NM 001062.1 /DEE-Homo sapiens transcobalamin I (vitamin B12 binding protein, R binder family) (TCN1), mRNA. /FER-mRNA / GEN-TCN1 /PROD-transcobalamin I (vitamin B12 binding protein, Rbinder family) /DB XREF-g1:4507406 /UG-Hs.2012 transcobalamin I (vitamin B12 binding protein, R binder family) /FL-gb:J05068.1 gb:NM 001062.1
206697_s_at	gb:NM 005143.1 /DEF=Homo sapiens haptoglobin (HP), mRNA. /FEA=mRNA /GEN=HP /PROD=haptoglobin /DB_XREF=g1:4826761 /UG=Hs.75990 haptoglobin /FL=gb:K00422.1 gb:L29394.1 gb:NM 005143.1
202146_at	Consensus includes gb:AA747426 /FEA-EST /DB XREF-gi:2787384 /DB XREF-est:nx88e08.sl /CLONE-IMAGE:1269350 /UG-Hs.7879 interferon-related developmental regulator 1 /FL-gb:BC001272.1 gb:NM 001550.1
266_s_at	L33930 /FEATURE /DEFINITION=HUMCD24B Homo sapiens CD24 signal transducer mRNA, complete cds and 3 region
2 11657_ at	gb:M18728.1 /DEF=Human nonspecific crossreacting antigen mRNA, complete cds. /FEA-mRNA /GEN-NCA; NCA /PROD-non-specific cross reacting antigen /DB XREF-gi:189084 /FL-gb:M18728.1
205214_at	gb:NN 004226.1 /DEF=Homo sapiens serinethreonine kinase 17b (apoptosis-inducing) (STK17B), mRNA. /FEA=mRNA /GEN=STK17B / PROD=serinethreonine kinase 17b(apoptosis-inducing) /DB XREF=gi:4758193 /UG=Hs.120996 serinethreonine kinase 17b

	30000
	(apoptosis-inducing) /FL-gb:AB011421.1 gb:NM_U04226.1
207574_s_at	pb:NM 015675.1 /DEF=Homo sapiens growth arrest and DNA-damage-inducible, beta (GADD45B), mRNA. /FEA=mRNA /GEN-GADD45B / PROD-DKF2D566B133 protein /DB_XREF-g1:9945331 /UG-Hs.110571 growth arrest and DNA-damage-inducible, beta /FL-gb:AF090950.1 db:NM 015675.1
206343_s_at	/DEF-Homo sa in 1 isoform
214146_s_at	Consensus includes gb:R64130 /FEA=EST /DB_XREF=gi:836009 /DB_XREF=est:9118h03.s1 /CLUNE=IMMOE:13903/ /UG=Hs.2164 pro-platelet basic protein (includes platelet basic protein, beta-thromboglobulin, connective rissue-activating peptide III, neutrophil-activating peptide-2)
215716_s_at	Consensus includes gb:L14561 /DEF-Homo sapiens plasma membrane calcium ArPase isoform 1 (ATP2B1) gene, alternative splice products, partial cds /FEA-mRNA 2 /DB XREF-gi:4165324 /UG-Hs.78546 ArPase, Ca++ transporting, plasma membrane 1
201179_s_at	rnative guani EN=GNAII /DB olypeptide 3
201626_at	Consensus includes gb:BG292233 /FEA=EST /DB XREF=g1:13050848 /DB XREF=est:602386668F1 /CLONE=IMAGE:4515521 /UG=Hs:56205 insulin induced gene 1 /FI=gb:NN 005542.1
209728_at	<pre>db:BC005312.1 /DEF=Homo sapiens, clone MGC:12387, mRNA. complete cds. /FEA=mRNA /PROD=UARnown (protein for MGC:12387) / DB XREF=gi:13529055 /UG=Hs.318720 Homo sapiens, clone MGC:12387, mRNA, complete cds /Fi=gb:BC005312.1 gb:M16942.1</pre>
212665_at	438 /FER=EST /DB_XREE=g1:12899113 /DB_XREE=est:AL358438 /CLONE=CSUUKOUTIIO otein
200665_s_at	
201407_s_at	돈폏
203505_at	/DEF=Homo sa OD=ATP-bindi ABC1), membe
221802_s_at	Consensus includes gb:Au157109 /FEA-EST /DB_XREF=gi:11018630 /DB_XREF=est:AU157109 /CLONE=PLACE10U6159 /UG-Hs.23740 KIRA1598 protein
201844_s.at	Consensus includes gb:W84482 /FEA-EST /DB XREF-gi:1395613 /DB XREF-sst:zd89h07.s1 /CLONE-IMAGE:356/01 //UG-Hs.7910 RING1 and YY1 binding protein /FI-gb:AF179286.1 gb:NB029551.1 gb:NM 012234.1
206390_x_at	gb:NM 002619.1 /DEF=Homo sapiens platelet factor 4 (PF4); mRNA: /FEA=mRNA /GEN=PF4 / PROD=platelet factor 4 /FEA=mRNA /GEN=PF4 / PROD=platelet factor 4 /FEE=gb:M25897.1 gb:NM 002619.1
212569_at	
211960_s_at)2373192F1
202422_s_at	gb:NM 022977.1 / DEF-Homo sapiens fatty-acid-Coenzyme A 11gase, Long-chain 4 (EACL4), transcript Valiant 2, mann. /FEA-mRNA /GEN-FACL4 / PROD-Long-chain fatty-acid-Coenzyme A 11gase 4,1soform 2 / DB XREF-gi:12669908 /UG-Hs.81452 fatty-acid-Coenzyme A 11gase, Long-chain 4 / EL-gp:NM 022977.1
221958_s_at	Consensus includes gb:AA775681 /FEA=EST /DB XREF=g1:2835015 /DB XREF=est:z131802.s1 /CLORE=IRAGE:370300 /UG=Hs.250746 hypothetical protein FLJ23091
204621_s_at	Consensus includes gb:AI935096 /FEA-EST /DB_XREE-g1:56/3966 /DB_XREE-eST:WPI36IU.XI /LLUNE=IRAUE:2404/40 /UG-Hs.82120 nuclear receptor subfamily 4, group A, member 2 /FIT-qb:NN 006186.1
201409_s_at	gb:NN 002709.1 /DEF-Homo sapiens protein phosphatase 1, catalytic subunit, beta isoloum (FFFILD), manh. /FERA-mRNA /GEN-PPPICB /PROD-protein phosphatase 1, catalytic subunit, betaisoform /DB XREF-gi:4506004 //UG-Hs.21537 protein phosphatase 1, catalytic subunit, beta isoform /FL-gb:N/ 002709.1 gb:AF0925.1
201662_s_at	04457.2 gb:D8
220987_s_at	gb:NM 030952.1 / DEF=Homo sapiens hypothetical protein DKEZp434J037 / OB XREF=gi:13569921 /FL-gb:NM 030952.1

210507 2 2#	1
2 00017	gu:nr.o.ev.cr., / Der-nouno saptens memozene-spanning 4-domains, Subtanily A, member 4 (195444), mRRA. //FEA-mRRA /CEN-MSABA / PROD-manbrane-domains, subfamily A, member4 / DB XREF-gi:13430865 //UG-Hs: 255960 membrane-spanning 4-domains, subfamily A, member 4 / FI-cp:ABO13107 1 h:NW 0240701 1 db:AFC6828R 1 db:NW 016650 1
201565_s_at	12
213327_s_at	Consensus includes gb:AI820101 /FEA=EST /DB XREF=qi:5439180 /DB XREF=est:wq56d12.xi /CLONE=IMAGE:2369111 /UG-Hs.42400 ubiquitin specific protease 12
203603_s_at	gb:NM 014795.1 /DEF=Homo sapiens zinc finger homeobox 1B (ZFHX1B), mRNA. /FEA=mRNA /GEN=ZFHX1B /PROD=zinc finger homeobox 1B /FL=gb:AB011141.1 gb:NM 014795.1
217963_s_at	piens p75NTR-associated cell death executor; or D-p75NTR-associated cell death executor; ovarian cell death executor; ovarian cranulosa cell
206710_s_at	piens differentially expressed in adenocarcinoma of the lung (KIAA0987), mRNA. ROD-differentially expressed in adenocarcinoma ofthe lung /DB XREF-gi:6912469 embrane orotein band 4 1-11ke 3 /FI.Fl.ach.AFO.60772 1 ch.NM 012377 1
204342_at	p586G0123), mRNA. /FEA-mRI
204393_s_at	1 4 5 4
200719_at	Consensus includes gb:BE964043 /FEA=EST /DB XREF=g1:11767371 /DB XREF=est:601657616R1 /CLONE=INAGE:3875955 /UG-Hs.171626 transcribtion elongation factor B (SIII), polymeptide 1-like /FL=gh:UM 003197 2
202731_at	gb:NM 014456.1 /DEF=Homo sapiens programmed cell death 4 (PDCD4), mRNA. /FEA=mRNA /GEN=PDCD4 /PROD=programmed cell death 4 / FL=gb:U96628.1 qb:NM 014456.1
204094_s_at	gb:NM 014779.1 /DEF=Homo sapiens KIAA0669 gene product (KIAA0669), mRNA. /FEA-mRNA /GEN-KIAA0669 /PROD-KIAA0669 gene product / DB XREF-gi:1662235 /UG-Hs.52526 KIAA0669 gene product /FI=gb:AB014569.1 gb:NM 014779.1
208690_s_at	<pre>gb:BC000915.1 /DEF=Homo sapiens, Similar to LIM protein, clone NGC:5344, mRNA, complete cds. /FEA=mRNA /PROD=Similar to LIM protein /DB XREF=g1:12654194 /UG=Hs.75807 PDZ and LIM domain 1 (elfin) /FL=qb:BC000915.1</pre>
208979_at	gb:AF128458.1 /DEF=Homo sapiens nuclear receptor coactivator RAP250 mRNA, complete cds. /FEA=mRNA /PROD=nuclear receptor coactivator RAP250 /DB_XREF=91:7140573 /UG=Hs.159613 thyroid hormone receptor binding protein /FEE=ob:AF177388.1 qb:AF208227.1 qb:AF128458.1 qb:NM 014071.1 qb:AF171667 1 db:AF745115.1
201772_at	9b:NM 015878.1 /DEF=Homo sapiens antizyme inhibitor (LOC51582), mRNA. /FEA=mRNA /GEN=LOC51582 /PROD-antizyme inhibitor / DB XREF=g1:7706219 /UG-Hs.223014 antizyme inhibitor /FL=gb:DB8674.1 gb:NM 015878.1
201345_s_at	gb:NM 003339.1 /DEF-Homo sapiens ubiquitin-conjugating enzyme E2D 2 (homologous to yeast UBC45) (UBE2D2), mRNA. /FEN-mRNA /GEN-UBE2D2 /PROD-ubiquitin-conjugating enzyme E2D 2 (homologousto yeast UBC45) /DB XREF-eq1.450774 /UG-Hs. 108332 ubiquitin-conjugating enzyme E2D 2 (homologous to yeast UBC45) /FL-ch:U39317.1 ob:NM 003339.1
221060_s_at	gb:NM 003266.1 /DEF=Homo sapiens tol1-like receptor 4 (TLR4), mRNA. /FER=mRNA /GEN=TLR4 /PROD=tol1-like receptor 4 /DB XREF=q1:4507532 /UG-Hs.159239 tol1-like receptor 4 /FL=cb:UBBBBD.1 qb:NM 003266.1
208876_s_at	
212628_at	Consensus includes gb:BG292065 /FEA=EST /DB_XREF=gi:13050507 /DB_XREF=est:602386350F1 /CLONE=INAGE:4515036 //URC-HS.69171 protein kinase C-like 2
212928_at	
221568_s_at	iens clone .91393 Homo Homo sapien
201408_at	Consensus includes gb:W67887 /FEA=EST /DB_XREF=g1:1376776 /DB_XREF=est:zd38c11.s1 /CLONG=IMAGE:342932 /UG=Hs.21537 protein phosphatase 1,catalytic subunit, beta isoform /FD=gb:NM 002709.1 gb:AF092905.1

•	
202270_at	gb:NM_002053.1 /DEF=Homo sapiens guanylate binding protein 1, interferon-inducible, 67kD (GBP1), mRNA. /FEA=mRNA /GEN-GBP1 /PROD-guanylate binding protein 1,interferon-inducible, 67kD /DB_XREF=g1:4503938
202606_s_at	DE WING 12201 JUNE-Homo sapiens tousled-like kinase I (TLKI), mRNA. /FEA-mRNA /GEN-TLKI /PROD-tousled-like kinase 1 The NATION OF THE PHOMO SAPIENS TOUSLED THE FINASE I /FI-qb:ABO04885.1 gb:RM 012290.1 gb:RZ-6219.1
216037_x_at	SF=gi:2618002 /DB XREF=est:acu3f10.sl /CLUNE cell specific, HMG-box)
221561_at	gb:L21934.2 /DEF=Homo sapiens acyl-coenzyme A: Cholesterol acyltransferase mRNA, complete cds. /FER=mRNA /PROD=acyl-coenzyme A: cholesterol acyltransferase /DB XREF=gi:4878021 /UG-Hs.14553 sterol O-acyltransferase [acyl-Coenzyme A: cholesterol acyltransferase]
203680_at	<pre>iplens protein kinase, cAMP-dependent, regulatory, type 11,)D-protein kinase, cAMP-dependent, regulatory, typeII, beta), cAMP-dependent, regulatory, type II, beta /FL-gb:M3158.1</pre>
215111_s_at	Consensus includes gb:AK027071.1 /DEF=Homo sapiens CDNA: FLJ2341B IIs, CLONE HEK1149.) highly similar to HSU35048 Human TSC-22 protein mRNA. /FEA=mRNA /DB XREF=gi:10440100 /UG-Hs.114360 transforming growth factor beta-stimulated protein TSC-22
202211_at	<pre>gb:BC005122.1 /DEF=Homo sapiens, ADF-ribosylation factor GTPase activating protein 1, clone MGC:10272, mRNA, complete. cds. /FEA-mRNA / pRoD-ADF-ribosylation factor GTPase activatingprotein 1 /DB_XREF-gi:13471296 /UG-Hs.13014 ADF-ribosylation factor GTPase activating Deferon 1 /FIA-dp:BC005122.1 qb:AFI1847.1 gb:NM 014570.1 Deferon 1 /FIA-dp:BC005122.1 qb:AFI1847.1 gb:NM 014570.1</pre>
221918_at	
213251_at	L:10731
209186_at	gb:N23114.1 /DEFeHomo sapiens carcium-Arrase (nai) many, compiere cus. /Lin.magn. https://doi.org/10.1006/10.1
210996_s_at	
213624_at	Consengus includes gb:AA873600 /FEA-EST / DB_XKEr=G1:2969/22 / DB_XKE=EST:DB:Z4VE.51 / CLORE-INTURE / CC. CO. CO. CO. CO. CO. CO. CO. CO. CO.
204634_at	9b:NM 003157.1 /DEF-Homo sapiens serinethreonine kinase 2 (STK2), mRNA. /FEA-mRNA /GEN-STK2 /PROD-serinethreonine kinase 2 / PROD-SECONINE kinase 2 / FL-qp:120321.1 gb:NM 003157.1 UG-Hs. 1087 serinethreonine kinase 2 / FL-qp:120321.1 gb:NM 003157.1
212515_s_at	ਰ.
218170_at	CGI-III procein (DOCSIU13), MKNA. gb:AF151869:1 gb:NN 016048.1
210293_s_at	1 (S. CeFevisiae) nomolog b, close medilidad, mana, complete cus. 173497 Sec23 (S. cerevisiae) homolog B /FL-gb:BC005032.1
221493_at	. 4
213506_at	Consensus includes gb:BE965369 / FEA-EST / DB AREF=g1:11099039 / DB AREF=G1:0109326111 / CEONE TARGET-3453571 / UG-HS 4310 eukarvotic transla-
201016_at	Consensus includes gb:EE542664 / EEA-E51 / UB_ARGE-91:3/11363 / UB_ARGE-55:305031 / CENTROLL CONSENSUS CONSENSUS / CENTROLL CONSENSUS / CENTROLL C
203414_at	

213510_x_at	Consensus includes gb: AM194543 / FEA-EST / DB_XREF=gi:6473381 / DB_XREF=est:xb27c02.x1 / CLONE-IMAGE:2577506 / UG-Hs.234573 Homo sapiens mRNA. For
218539_at	gb:NN 017943.1 /DEF-Homo sapiens hypothetical protein FLJ20725 (FLJ20725), mRNA. /FEA-mRNA /GEN-FLJ20725 /PROD-hypothetical protein
.	DB XREF=gi:8923650 /UG=Hs.15467 hypothetical protein FLJ20725 /FL=gb:NM 017943.1
218172_s_at	gb:NN 018630.1 /DEF=Homo sapiens hypothetical protein PRO2577 (PRO2577), mRNR. /FEA-mRNR /GEN-PRO2577 /PROD-hypothetical protein PRO2577 /FL-gb:AFI16708.1 qb:NN 018630.1
202538_s_at	9b:NM 014043.1 /DEF=Homo sapiens DKFZP5640123 protein (DKFZP5640123), mRNA. /FEA-mRNA /GEN=DKFZP5640123 /PROD=DKFZP5640123 protein / DB XREF-gi:7661633 /UG-Hs.11449 DKFZP5640123 protein /FL=gb:AF151842.1 qb:AL080122.1 qb:NM 014043.1
221504_s_at	
	ha isoform /DB XREF=gi:6563195 /UG=Hs.19575 CGI-11 protein /FL=gb:AF29877.1 gb
212213_x_at	Consensus includes gb:AB011139.1 /DEF-Homo sapiens mRNA for KIAA0567 protein, partial cds. /FEA-mRNA /GEN-KIAA0567 /PROD-KIAA0567 protein
	147946 optic atrophy 1 (autosomal dominant)
216652_s_at	Consensus includes gb:AL137673.1 /DEF-Homo sapiens mRNA: cDNA DKFZp434H0872 (from clone DKFZp434H0872). /FEA-mRNA /DB_XREF-g1:6807841 / UG-Hs.306454 Homo sapiens mRNA; cDNA DKFZp434H0672 (from clone DKFZp434H0872)
. 221472_at	53 /DEF-Human DNA sequence from
	cerional retinaldehyde-binding protein, the TDE1 gene (Tumour differentially expressed 1), the PKIG gene encoding protein kinase (CAMP-dependent
	0/ 9/9
212526_at	ACE1010877, highly similar to
200624_s_at	s°
201091_s_at	Consensus includes gb: BE748755 /FEA=EST /DB_XREF=g1:10162747 /DB_XREF=est:601571933T1 /CLONG=IMAGE:3838737 /UG=Hs.278554 heterochromatin-
	in 1 /FL-gb:AF136630.
217863_at	Consensus includes gb:AI348378 /FEA=EST /DB_XREF=gi:4085584 /DB_XREF=est:qo20h06.xl /CLONE=IMAGE:1909115 /UG-Hs.75251 DEADH (Asp-Glu-Ala-Inachie)
	ding protein 1 /FL-gb:AF077951.1 gb:AF167160.1 gb:NM 016166.1
202804_at	Consensus includes gb:AI539710 /FEA=EST /DB_XREF=g1:4453845 /DB_XREF=est:tp77b05.x1 /CLONE=IMAGE:2205297 /UG-Hs.89433 ATP-binding casset-
	-family C (CFTRMRP), member 1 /FL-gb:L05628.1 gb:NM 004996
214198_s_at	Consensus includes gb:AU150824 /FEA=EST /DB_XREF=gi:11012345 /DB_XREF=est:AU150824 /CLONE=NT2RP2003689 /UG=Hs.2491 DIGeorge syndrome
	ene 2
217976_s_at	gb:NM 016141.1 /DEF=Homo sapiens dynein light chain-A (LOC51143), mRNA /FEA-mRNA /GEN-LOC51143 /PROD-dynein light chain-A //DB XREF-gi:7705852 /
	chain-A /FL-gb:AF078849.1 gb:NM 016141.1
202318_s_at	gb:AF306508.1 /DEF=Momo sapiens SUMO-1 specific protease FKSG6 mRNA, complete cds. /FEA=mRNA /PROD=SUMO-1 specific protease FKSG6 / DB XREF=gi:11096243 /UG=Hs.27197 SUMO-1-specific protease /FL=gb:AF307849.1 gb:AF306508.1 gb:AF196304.1 gb:A
208673_s_at	iens 67460
218268_at	gb:NM 022711.1 /DEF-Homo sapiens hypothetical protein FLJ12085 (FLJ12085), mRNA. /FEA-mRNA /GEN-FLJ12085 /PROD-hypothetical protein [FLJ12085]
	.48827 hypothetical protein FLJ12085 /FL=gb:NM 02277
209250_at	gb:BC000961.2 /DEF=Momo sapiens, degenerative spermatocyte (homolog Drosophila; lipid desaturase), clone MGC:5079, mRNA, complete cds. / FEA=mRNA /PR00=degenerative spermatocyte (homolog Drosophila;lipid desaturase) /DB XREF=gi:12803018 /UG=Ks.185973 degenerative spermato-
	desaturase) /FL=qb:BC000961.2

gb:NN 015957.1 /DEF-Homo sapiens CGI-29 protein (LOC51074), mRNA. /FEA-mRNA /GEN-LOC51074 /PROD-CGI-29 protein /DB_XREF-g1:7705723 /UG-HS.104058 | CGI-29 protein /FL-gb:RF132963.1 gb:NN 015957.1